2023

MIAMI-DADE COUNTY PUBLIC SCHOOLS

STEAM

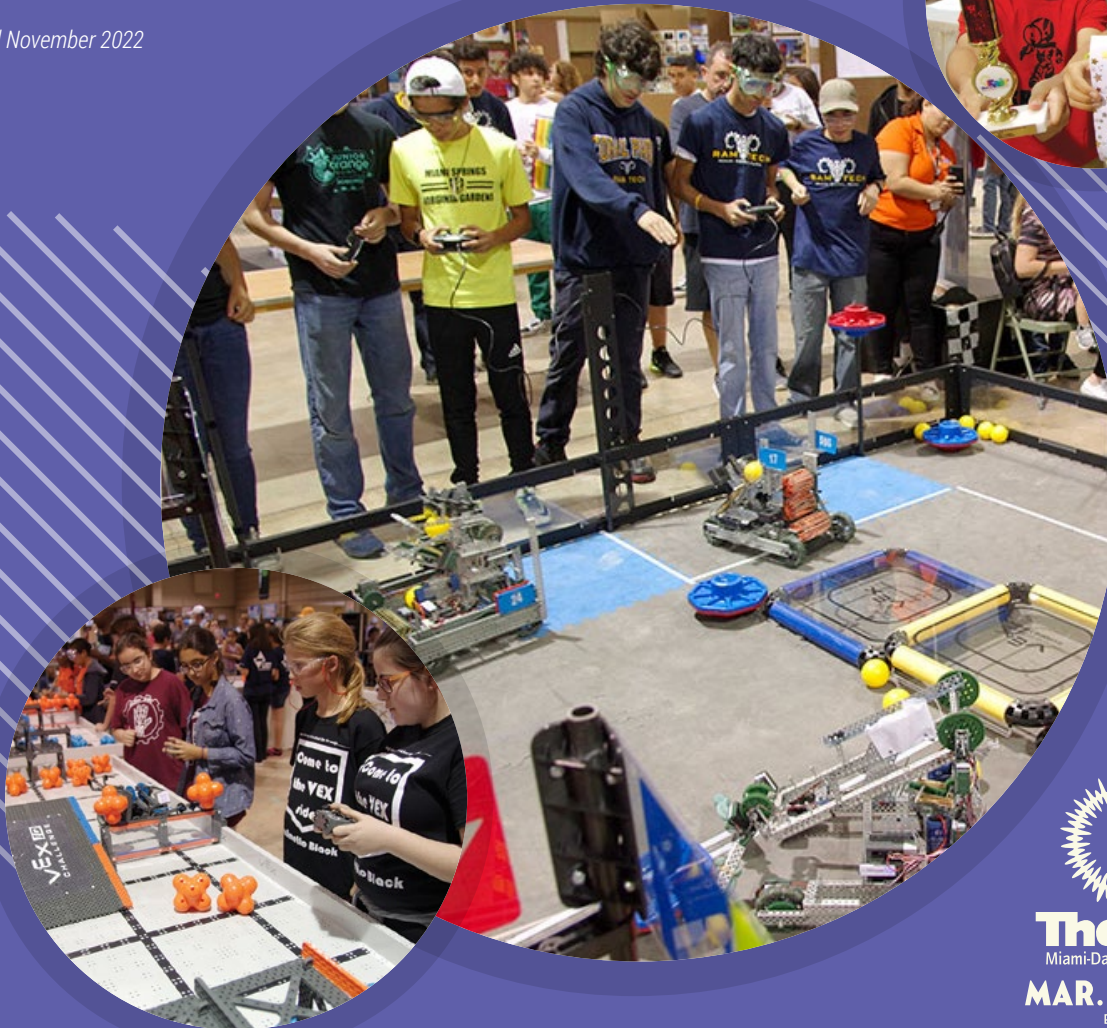SCIENCE-TECHNOLOGY-ENGINEERING-ARTS-MATHEMATICS

STEAM at The Fair Handbook

Updated November 2022

The Fair
Miami-Dade County Fair & Exposition, Inc.

MAR. 16-APR. 9, 2023
EXCEPT MAR. 27-28 & APR. 3-4

WORLD OF FUN

BE THERE! THE FAIR.

Sedano's Supermarkets

EdFed

Sedano's Supermarkets
and the
Miami-Dade County Youth Fair

have united to support the youth in our community and invite you to participate in this program designed to promote a healthy development.

Through student exhibits, parents are able to see the progress in their children in all age groups ranging from elementary to middle school to high school. These programs are designed to be an extension of the classroom and align themselves with current day-to-day curriculum.

Agriculture exhibit programs help to promote our local agriculture community and educate the students on the principles of developing, implementing, and managing agricultural based businesses.

Each year during our annual 21-day fair, about 40,000 student exhibits, competitions, and performances are showcased and awarded over $400,000 in scholarships, youth programs, premiums and awards.

We proudly support higher education through The Youth Fair's scholarship programs which bring students one step closer to achieving their career goals. Being one of the country's largest exhibit programs, The Youth Fair awards more than $200,000 annually in college scholarships to local high school students.

OUR MISSION

The Miami-Dade County Fair & Exposition, Inc. is a not-for-profit organization dedicated to enriching the community by promoting education and South Florida agriculture while showcasing and rewarding youth achievement.

We accomplish this by producing a first-class fair with quality entertainment and providing facilities for year-round events.

Throughout our history we have contributed more than $11 million to the community in Miami-Dade County and have positively impacted countless lives of adults and children since 1952.

YOUTH FAIR INFORMATION

Youth Fair Dates:
March 16 - April 9, 2023

For Youth Fair operating days and times, **click here.**

BUILDINGS OPEN
Monday - Thursday, 3:00 PM - 11:30 PM
Friday, 3:00 pm - Midnight | Saturday, Noon - Midnight
Sunday, Noon - 11:30 PM

THE BARN AND THE GARDEN
Monday - Friday, 3:00 PM - 11:00 PM
Saturday - Sunday, Noon - 11:00 PM

Exhibits Office hours are Monday through Friday 9:00 AM - 5:00 PM.

EXHIBITS STAFF
Carol Douglass, *Director, Exhibits*
Lisette Manzanares, *Exhibits Administrator*

10901 Coral Way, Miami FL 33165 • 305.223.7060

fairexpo.com

All information, rules, show dates and times subject to change without notice. For the latest information please visit us at fairexpo.com.

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BOARD OF DIRECTORS

Georgina Gonzalez-Robiou, Chair of the Board
Robert Hevia, Chair Elect of the Board
Dr. Alexis L. Martinez, Treasurer
Richard N. Krinzman, Secretary
Marguerite Morris, Immediate Past Chair of the Board

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Manuel J. Rodriguez
Maria Teresa Rojas
Teresa Olczyk*

Ex Officio

Eduardo F. Cora
President

WHERE TO DELIVER YOUR EXHIBITS

Fairgrounds Map

ARNOLD HALL
- Sponsors
- Business Exhibitors:
  Unique Merchandise
- Fair Expo Grill
- Exhibits
- Fine Arts
- Miami-Dade Fire Rescue
- Miami-Dade Police Department
- N.O.A.A.

THE BARN
- Farm Animals

FIU
PERFORMING ARTS

MAIN
ENTRANCE

107 AVENUE

E. DARWIN FUCHS
PAVILION

1

ARNOLD HALL

4

THE BARN

EDWARDS HALL

THE
GARDEN

2

GATE
3

GATE
2

3

CORAL WAY

The Fair
Miami-Dade County Fair & Exposition, Inc.

N

EDWARDS HALL
Exhibits:
- Crafts
- BSA Scouting
- Girl Scouts
- Scarecrows
- Sedano's Kitchen

THE GARDEN
- Horticulture
- Fairy Gardens
- Landscape Exhibits

CONTENTS

2023 Student Exhibits Handbook
CLICK HERE

OFFICIAL RULES AND REGULATIONS FOR ALL DIVISIONS

1. **PARTICIPANT QUALIFICATIONS:** Florida students grades PK - 12 enrolled in a public, private, FL virtual school or home school may enter. Anyone having currently graduated from, or dropped out of high school, shall be ineligible to exhibit.
2. **NUMBER OF ENTRIES:** Carefully read the rules in each Division for limits per student and limits per school.
3. **Entry Form(s) and Entry Procedures:** There are no entry fees for students entering exhibits.
   - All entries must be pre-registered on an official entry form which will be accepted from **October 1, 2022 to January 24, 2023.** Pre-registration is NOT required for a few Divisions due to their early check-in date, BUT Entry Forms must accompany these exhibits for check-in: Carefully review the rules for these departments. **NO HANDWRITTEN ENTRY FORMS WILL BE ACCEPTED.**
   - Books for Child Development, ESOL, and World Language
   - Creative Writing, ESOL Creative Writing and World Language Creative Writing
   - Fine Arts

   ALL MAILED ENTRY FORMS MUST BE POSTMARKED ON OR BEFORE THE ENTRY DEADLINE.
   LATE ENTRY FORMS WILL NOT BE ACCEPTED.

1. Entry Tag(s) for the exhibits must be securely attached to each exhibit.
2. **ACCEPTABLE ENTRIES**
   - All handmade entries must be the original work of the exhibitor. All entries must have been made since the close of the 2021 fair.
   - In addition to the "Official Rules and Regulations" for all Student Divisions listed in the Table of Contents, there are specific rules and regulations governing participation in each individual division. These rules are printed within each individual student division.
3. **NOT ACCEPTABLE ENTRIES**: The use of live plants or animals is prohibited. No smoking or lighted candles, lamps, matches, etc. will be allowed in any stalls or booths on the grounds or in the buildings or tents. Follow the specific rules in each individual division.
4. **JUDGING AND DISPLAY CONSIDERATIONS**
   - All exhibits are judged on the Danish System and the decision of the judges is final.
   - Every exhibit will receive a ribbon representing, in the opinion of the judges, the quality level of their exhibit. Fine Arts exhibits receive a frame for the artwork. Quality is The Youth Fair's primary consideration.
   - Additional "Special Awards" may be presented at the discretion of the division superintendent(s).
   - Each division reserves the right to publicly display only those exhibits awarded blue and red ribbons. Most entries awarded a blue or red ribbon will be displayed depending on the space available. All entries will remain until released by the division superintendent at Check Out on April 13, 2023.
5. **POLICY NOTIFICATIONS**
   - The management of The Youth Fair and the Exhibits Department and/or their designee reserve the right to remove and disqualify any exhibit which is not in the best interest of The Youth Fair; or which is objectionable to The Youth Fair; or endangers the public; or is objectionable in any way; or has been entered in violation of these official rules and regulations; or to reject, limit or disqualify the acceptance of, or the display of, any exhibit brought to The Youth Fairgrounds.
   - Sale of any article or service is prohibited except where approved by The Youth Fair management through written contractual arrangement.
   - Advertising by means of posters, prints, handbills, etc., will not be permitted on The Youth Fairgrounds except upon written agreement of The Youth Fair management.
   - For good and valuable consideration, including being permitted to participate in activities on The Youth Fairgrounds located at 10901 SW 24th Street, Miami, Florida 33165, I, for myself, and my successors, heirs, assigns, executors, administrators, legal representatives, employees, agents and affiliates (collectively referred to as Exhibitor) forever release and discharge Miami-Dade County Fair & Exposition, Inc. and each of its officers, directors, employees, agents and affiliates (collectively referred to as Fair) from all claims, demands, losses, costs, expenses (including attorneys' fees and costs), suits, damages, obligations, liabilities, causes of action and judgments whatsoever, in law or equity, against any of the foregoing, which Exhibitor ever had, now has or which they hereinafter can, shall or may have for, upon or by reason of any matter, cause or thing whatsoever including, without limitation, personal injury or death, damage or destruction to property, or theft or other loss to property arising out of Exhibitor's participation and involvement in the annual Fair event or any other event held at The Youth Fairgrounds, Exhibitor agrees to and does hereby assume any and all risks of personal injuries to Exhibitor, including death, and damages or other loss to Exhibitor's property, caused by or arising out of Exhibitor's involvement with Fair, whether such injury, death or loss of property is caused by the negligence of The Youth Fair or not. Exhibitor hereby agrees to defend, indemnify and hold The Youth Fair harmless from and against any claim, demand, suit, loss, causes of action, damages, liabilities, obligations, costs (including attorneys' fees and costs), expenses, and judgments (including without limitation, personal injury or death, and damages to property) caused by Exhibitor's acts or omissions regardless if such injury, death or loss of property is caused by the negligence of The Youth Fair or not.
6. Individual Entries: Any entry created by one individual.
7. Group Entries: Group entries (those requiring more than 1 student to complete 1 exhibit) will be allowed in the following divisions only:
   - BSA Scouting & Girl Scouts
   - Child Development Books
   - ESOL Child Development Books

- Girl Scouts
- Performing Arts
- Robotics, BattleBots, First LEGO Robotics, Vex IQ
- World Language Child Development Books

GUIDELINES FOR CLASSROOM TEACHERS AND CLUB LEADERS

EVERY PUBLIC SCHOOL HAS A LIAISON ASSIGNED TO THE YOUTH FAIR BY ITS PRINCIPAL. This individual is your information/supply link to The Youth Fair for policy procedure, entry forms, and handbooks etc. Private schools and clubs are invited to have a liaison assigned. Please check with your school Principal/Director and The Youth Fair Exhibits Office.

HOW TO CHECK IN A PRE-REGISTERED EXHIBIT

Enter fairgrounds on Coral Way (SW 24 Street) through service gate No. 3 located at 10900 BLK. You will be directed to the correct parking location. When the check in procedure has been completed, each student exhibitor will be issued a free main gate admission to The Youth Fair.

When each exhibit is entered into a division during check in, it arrives at The Youth Fair with a computer generated entry tag securely attached. A claim tag is detached from the entry tag and given to the person entering that exhibit. This is the exhibitor's receipt and is kept until after The Youth Fair when, on the Check Out, it is exchanged for the return of the exhibit(s). Claim tags have a corresponding number on it to match the number on the entry tag. When picking up the exhibit(s) on the release day, the same claim tag must be presented to the division in Arnold Hall or Edwards Hall where the exhibit was entered in order for an official to release the exhibit.

The Youth Fair assumes no responsibility for exhibits not claimed during the official check out period. All exhibits not claimed at the announced check out period on the Check Out will be disposed of and all ribbons and/or awards will be forfeited and exhibitor agrees and consents that ownership of any ribbons and/or awards shall revert back to The Youth Fair. Exhibits that have not been claimed will be discarded **Friday, April 14, 2023.**

PHOTOGRAPHS AND VIDEO

From time to time photographs and video are taken during The Youth Fair. These photographs and videos may be used for publicity or other purposes. By submitting your entry and entry form, you are consenting to The Youth Fair photographing, filming, taping and/or otherwise recording Exhibitor's name, likeness, physical movements, voice and other sound effects (collectively, "Name, Etc."), which photographs, films, tapes and other recordings (collectively, "Recordings") shall be the sole and absolute property of The Fair for any and all purposes whatsoever in perpetuity; and Exhibitor grants to The Fair, its licensees, successors and assigns the exclusive right to reproduce, exhibit, perform, display, use and otherwise exploit the Recordings and my Name, Etc., in whole or in part, in and in connection with its events and the advertising, exhibition, promotion, publicity and any other exploitation thereof, in any and all languages, formats and media now known or hereafter devised, in perpetuity, for no compensation. Notwithstanding the foregoing, if The Fair determines, in its sole discretion, that any rights herein granted are subject to the jurisdiction of any Union, I will enter into any agreement(s) with The Fair or its designee which The Fair determines is required in connection therewith, and agree that I shall receive and be entitled only to the applicable minimum compensation (if any) required by such Union.

PREMIUMS AND AWARDS

The color of the ribbon translates into cash premium awards with the exception of the yellow ribbon. Cash premium awards offered by The Youth Fair will be paid during check out at the location sites of each division entered. The check(s) will be made out to the student listed on the Official Entry Form. The Youth Fair assumes no responsibility for exhibits not claimed during the official check out period. All exhibits not claimed at the announced check out period on the Check Out will be disposed of and all premium ribbons and/or cash awards will be forfeited and exhibitor agrees and consents that ownership of any premium ribbons and/or cash awards shall revert back to The Youth Fair. Exhibits that have not been claimed will be discarded Friday**, April 14, 2023.**

Premiums Schedule: (For most divisions)

Purple Ribbon ....$10.00 and Rosette
Blue Ribbon 8.00
Red Ribbon 6.00
White Ribbon 4.00
Yellow Ribbon..Ribbon

All checks for premium monies awarded in connection with The Fair, shall be negotiated by the recipient/payee within ninety days from the date of the check, time being of the essence. If the recipient/payee fails to timely negotiate said check, all monies due the recipient/payee shall be deemed to have made an unconditional and irrevocable gift of said monies to The Fair.

Errors in premium checks, awards, or lost checks will be corrected by the Exhibits Department until **May 31, 2023** after which time the books of The Fair are closed. Any checks not cashed or deposited by **JUNE 30, 2023** will be considered as void and will not be replaced.

TECHNOLOGY COMPETITIONS AND EXHIBITS

AVIATION AND AEROSPACE ★ DIVISION 16

Superintendent: Pamela Lopez • Tonya McHugh
Assistant Superintendents: Libni Simons • Jerome Cole • Robert McHugh • Jimmy A. Nieto
Student Assistant: Grayson Brown

Entry Form accepted from October 1, 2022 to January 24, 2023.

Check In: March 2, 2023, 4:00 PM to 8:00 PM in Arnold Hall.
                          March 4, 2023, 10:00 AM to 4:00 PM in Arnold Hall.
Check Out: April 13, 2023, 4:00 PM to 8:00 PM in Arnold Hall.
Competition Date: Sunday, April 2, 2023, 1:00 pm to 5:00 pm
Group Entries: As Indicated in Rules

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The Aviation and Aerospace Division will award an outstanding trophy for each level (middle and senior high school) based upon the following criteria:
1. Each entry in this division receiving a first place ribbon will be awarded three points, second place two points and third place one point.
2. Each entry in this division receiving a special award will receive one point.
3. The school receiving the most total points will be awarded the outstanding trophy.

RULES:
Grade Levels: Middle School and High School exhibitors only.
Number of Entries: Refer to each Class below
Size specifications: Refer to each Class below
Entry Tag location specifications: Refer to each Class below

CLASS 1601: AVIATION-THEMED PHOTOGRAPHY HIGH SCHOOL LEVEL
CLASS 1602: AVIATION-THEMED PHOTOGRAPHY MIDDLE SCHOOL LEVEL
RULES FOR 1601 AND 1602:
Description of Class: A photograph or original digital image taken by a student with a regular, digital or DRONE-operated camera with an aviation or space theme. You may NOT take or use any photograph or image from the internet or any other source. Copyrighted or non-copyrighted images from any stock libraries may also not be used.

1. Entry Specifications: Individual entries only. NO homeroom, group, or club entries will be accepted. Only one image may be entered per student.
2. Number of Entries: Only one entry per individual student.
3. Size and Mounting Specifications: Photograph size MUST be no less than 8″ x 10″ or no more than 11″ x 14″. It must be mounted on mount board, mat board or railroad board with a minimum 1″ and a maximum 2.5″ border on all sides. Total thickness must not exceed 1/4″. NO FOAM CORE BOARD OR CARDBOARD mounting.
4. Entry Tag(s) must be placed at the bottom of the entry on the FRONT RIGHT CORNER.

5. Acceptable Entries: All entries must depict an aviation or space theme. Photograph may be in black and white or color.
6. Only blue and red ribbon winners will be displayed based on space available.
7. ANY ENTRIES NOT CONFORMING TO THE ABOVE RULES OR THE OFFICIAL FAIR RULES WILL BE DISQUALIFIED AT THE DISCRETION OF THE JUDGES AT CHECK IN.
8. This Division will accept only those entries made expressly for the 2023 fair.
9. All decisions of the judges are final.
10. The Youth Fair management has jurisdiction over interpretation of these rules. Items entered in the wrong Division will not be judged nor shown. This Division is not responsible for lost/damaged items. All exhibits not picked up at check out will be disposed of and cash awards and ribbons forfeited.

AVIATION PHOTOGRAPHY CLASS JUDGING CRITERIA:
Projects will be judged on the following: composition, creativity, display quality, effectiveness in depicting theme and lighting.

CLASS 1603: AEROSPACE /ROCKETRY TECHNOLOGY DISPLAY HIGH SCHOOL LEVEL
CLASS 1604: AEROSPACE/ROCKETRY TECHNOLOGY DISPLAY MIDDLE SCHOOL LEVEL
RULES FOR 1603 AND 1604:
Description of Class: Display of specific technology used in aerospace industry; or can be MODEL of an idea for aerospace, such as "City on the Moon," new space ship-design, etc.

May also be research and display of a scale model rocket, missile or space exploration vehicle or structure, such as the international space lab, lunar module, space shuttle, etc.
1. Entry specifications: Group or Individual Entries accepted (Groups of no more than 4 students.)
2. Number of Entries: Only one entry per individual student, or per group.
3. Size and Mounting Specifications: A three panel foam core board display must accompany the model. The display board must meet the following criteria:

- Max. Height – 36 Inches
- Max. Width – 24 Inches (Center Panel)
- Max. Depth – 12 Inches
- Display boards MUST be covered attractively on all sides (painted or covered with paper).

4. Entry Tag(s) must be securely attached to the inside top right panel of the foam core display board.
5. Acceptable Entries: Select an applied technology, rocket or space vehicle to research.
   - This may be current, past or future technology.
   - Research the way the technology is used (or its proposed use) and prepare a display of your findings.
   - The Model and Base: Build a 3-D model of any appropriate material of the device. Models may be functional or static.
   - The foam core display behind the model must include the following:
     1. A BANNER TITLE across the top of the display board, with the title of the technology or application (e.g., Lasers, Robotics, Radar, City on the Moon, New Space Vehicle Design, etc.).
     2. Illustrations and or photographs of the device(s).
     3. An explanation on how the technology is applied and its application(s).
     4. Must cite the source for all information and have it displayed on the bottom right hand side panel.
6. NOT ACCEPTABLE: Any entry not following the above rules will be disqualified.
7. Only blue and red ribbon winners will be displayed based on space available.
8. ANY ENTRIES NOT CONFORMING TO THE ABOVE RULES OR THE OFFICIAL FAIR RULES WILL BE DISQUALIFIED AT THE DISCRETION OF THE JUDGES AT CHECK IN.
9. This Division will accept only those entries made expressly for the 2023 fair. All decisions of the judges are final.
10. The Youth Fair management has jurisdiction over interpretation of these rules. Items entered in the wrong Division will not be judged nor shown. This Division is not responsible for lost/ damaged items.

Aerospace or Rocketry Technology Display Class Judging Criteria:
Projects will be judged on the following: logic of presentation, originality, subject coverage, interest and appeal, quality of work.

Careful attention should be given to lettering, mounting, color and presentation of information. Entries not deemed acceptable will not be displayed.

CLASS 1605: METRIC GLIDER HIGH SCHOOL LEVEL
Description of Class: The design and construction of hand-launched model aircraft (metric glider) to demonstrate the principles and theories of flight. Technical drawing of glider design should also be included with entry.
1. Entry Specifications: Individual entries only. NO homeroom, group, or club entries will be accepted.
2. Number of Entries: Only one glider may be entered per student.
3. Entry Tag(s) must be attached with a rubber band wrapped around the glider.
4. A technical drawing depicting the side view and top view of the glider should be included. The drawing must be created by

computer drafting techniques. Indicate student name, school and scale of drawing in title block.
5. Size and Materials Specifications: The glider must be constructed within material limitations as stated. There are NO minimum dimensions for any part FOR HIGH SCHOOL GLIDERS.
   - Fuselage Blank: maximum size, 3mm (1/8") thick x 13mm (1/2") wide x 300mm (11 7/8") long. The fuselage must be constructed from the 3mm thickness material.
   - Wing Blank: 1.5mm (1/16") thick x 77mm (3") wide x 300mm (11 7/8") long. The wing(s) must be constructed from 1.5mm thickness material. Wings may be a single part or more than one part. Flaps and ailerons may be included in wings provided they are constructed from 1.5mm material.
   - Stabilizer and Fin Blank: .75mm (1/32") thick x 51mm (2") wide x 150mm (5 7/8") long. Stabilizers must be constructed from 75mm thickness material. Stabilizers may be a single part or more than one part. Rudders and vertical stabilizers may be an integral part of the fuselage or constructed as a separate part. They may be constructed from 1.5mm or 3mm material.
   - Balance material may be made from plastic modeling clay for balance trim and placed at any location on the glider. Ballast shall be limited to FIVE Grams total.
   - Gliders may be BALSA or BASSWOOD construction.
6. NOT ACCEPTABLE: No plastic, metal or other parts may be attached to the model with the exception of the clay balance weights.
7. Only blue and red ribbon winners will be displayed based on space available.
8. ANY ENTRIES NOT CONFORMING TO THE ABOVE RULES OR THE OFFICIAL FAIR RULES WILL BE DISQUALIFIED AT THE DISCRETION OF THE JUDGES AT CHECK IN.
9. This Division will accept only those entries made expressly for the 2023 fair. All decisions of the judges are final.
10. The Youth Fair management has jurisdiction over interpretation of these rules. Items entered in the wrong Division will not be judged nor shown. This Division is not responsible for lost/ damaged items.

CLASS 1606: METRIC GLIDER MIDDLE SCHOOL LEVEL
Description of Class: The design and construction of hand-launched model aircraft (metric glider) to demonstrate the principles and theories of flight. This is a change from previous years' rules. Technical drawing of proposed design should also be included with glider entry.

1. Entry Specifications: Individual entries only. NO homeroom, group, or club entries will be accepted.
2. Number of Entries: Only one glider may be entered per student.
3. Entry Tag(s) must be attached with a rubber band wrapped around the glider.
4. A technical drawing depicting the side view and top view of the glider should be included. The drawing must be created by computer drafting techniques. Indicate student name, school and scale of drawing in title block.
5. Size and Materials Specifications: The glider must be constructed within material limitations as stated. The glider may be constructed from balsa and/or basswood plus ballast

material There is a maximum size of the fuselage 300mm long.
- Fuselage Blank: maximum size, 3mm (1/8") thick x 13mm (1/2") wide x 300mm (11 7/8") long. The fuselage must be constructed from the 3mm thickness material.
- Wing Blank: 1.5mm (1/16") thick x 77mm (3") wide x 300mm (11 7/8") long. The wing(s) must be constructed from 1.5mm thickness material. Wings may be a single part or more than one part. Flaps and ailerons may be included in wings provided they are constructed from 1.5mm material.
- Stabilizer and Fin Blank: .75mm (1/32") thick x 51mm (2") wide x 150mm (5 7/8") long. Stabilizers must be constructed from 1.5mm 75mm thickness material. Stabilizers may be a single part or more than one part. Rudders and vertical stabilizers may be an integral part of the fuselage or constructed as a separate part. They may be constructed from 1.5mm or 3mm material.

6. NOT ACCEPTABLE: No plastic, metal or other parts may be attached to the model with the exception of the clay balance weights.
7. Only blue and red ribbon winners will be displayed based on space available.
8. ANY ENTRIES NOT CONFORMING TO THE ABOVE RULES OR THE OFFICIAL FAIR RULES WILL BE DISQUALIFIED AT THE DISCRETION OF THE JUDGES AT CHECK IN.
9. This Division will accept only those entries made expressly for the 2023 fair. All decisions of the judges are final.
10. The Youth Fair management has jurisdiction over interpretation of these rules. Items entered in the wrong Division will not be judged nor shown.

Metric Glider Class Flight Procedures:
Each glider entry will be given a flight test by the division judges and will be judged on flight time. Ties will be broken with additional flights.
Gliders with longest flight times will be given Ribbons for First, Second and Third Place in middle school and in high school categories.

Metric Glider Class Judging Criteria:
For Ribbons: Design and quality of construction and technical drawing. For Rosette Awards: Flight duration in seconds. Ribbons will be presented to students in this event attaining; (First, Second and Third place) in middle and high school categories.

CLASS 1607: POSTER OF FAMOUS AVIATOR(S)/ASTRONAUT(S) HIGH SCHOOL LEVEL
CLASS 1608: POSTER OF FAMOUS AVIATOR(S)/ASTRONAUT(S) MIDDLE SCHOOL LEVEL
RULES FOR 1607 AND 1608:
CLASS RULES HAVE CHANGED THIS YEAR, please read carefully.
Description of Class: Research a famous aviator, astronaut or a group of famous/ important people in aviation or space exploration (ex: Crew of International Space Station, Flight Crew of specific Shuttle Flight, etc.) and design a computer-generated poster.

1. Entry Specifications: Individual entries only. NO homeroom, group, or club entries will be accepted.
2. Number of Entries: Only one display may be entered per student.

3. Size and Mounting Specifications: Poster min. size 8"x11" to max. size 11"x 17" Glossy or photo paper is recommended, must be mounted on poster or mat board not to exceed 12" x 18" (NO FOAM CORE BOARD, CARDBOARD, or THICK MOUNTING.)
4. Entry Tag(s) must be attached on the FRONT RIGHT CORNER on the bottom of the entry.
5. Acceptable Entries: Photo or drawing of person or group of people (may include more than one photo.) The internet source of photos or graphics MUST be identified in small type at the bottom of the poster.
   - Poster title in large bold type
   - Name of person/group
   - Paragraph, stating
     - Their achievements,
     - Time period of importance (flight, achievements, their life, etc.);
     - In your opinion "why they are important or why they became famous"
6. NOT ACCEPTABLE: NO HAND LETTERED ENTRIES WILL BE ACCEPTED.
   - No foam core or cardboard mounting.
   - Projects deemed inappropriate in terms of content and/or craftsmanship will not be displayed.
7. Only blue and red ribbon winners will be displayed based on space available.
8. ANY ENTRIES NOT CONFORMING TO THE ABOVE RULES OR THE OFFICIAL FAIR RULES WILL BE DISQUALIFIED AT THE DISCRETION OF THE JUDGES AT CHECK IN.
9. This Division will accept only those entries made expressly for the 2023 fair. All decisions of the judges are final.
10. The Youth Fair management has jurisdiction over interpretation of these rules. Items entered in the wrong Division will not be judged nor shown. This Division is not responsible for lost/ damaged items.

FAMOUS AVIATOR/ASTRONAUT CLASS JUDGING CRITERIA:
Quality of work, neatness and accuracy of the display and the information it contains.

CLASS 1609 - AVIATION HISTORY HIGH SCHOOL LEVEL
CLASS 1610 - AVIATION HISTORY MIDDLE SCHOOL LEVEL
RULES FOR 1609 AND 1610:
Description of Class: The research & writing of a historical summary and construction of a model aircraft with diorama of significant historical importance.
1. Entry Specifications: Individual entries only. NO homeroom, group, or club entries will be accepted.
2. Number of Entries: Only one entry per individual student.
3. Size and Mounting Specifications: The model display MUST meet the following specifications:
   - The model must be displayed in a 3 sided diorama and MUST be securely attached to the base or sides (no loose models or items on display).
   - The base of the display board MUST be foam core, one-quarter inch thick, the base not to exceed 24" x 24".

- Diorama back and side boards must not exceed 12" in height.
- Back and sides must be decorated, painted or covered attractively with paper. NO CARDBOARD may be used for back or sides of diorama.
4. Entry Tag(s) must be attached to the inside of the diorama.
5. Acceptable Entries: The aircraft selected must have some important significance to aviation history. The historical summary must be printed and displayed on an 8.5" x 11" sheet of paper and should be attached to the inner left or right wing of the diorama. A color photograph or artist's rendering of the actual aircraft must be included in the display.
6. NOT ACCEPTABLE: No loose models or items in the diorama. Refer to the size specifications in #3.
7. Only First and Second Place Winners will be displayed based on space available.
8. ANY ENTRIES NOT CONFORMING TO THE ABOVE RULES OR THE OFFICIAL FAIR RULES WILL BE DISQUALIFIED AT THE DISCRETION OF THE JUDGES AT CHECK IN.
9. This Division will accept only those entries made expressly for the 2023 fair.
10. All decisions of the judges are final. The Youth Fair management has jurisdiction over interpretation of these rules. Items entered in the wrong Division will not be judged nor shown. This Division is not responsible for lost/damaged items.

CLASS 1611 - DRONE DJ TELLO
CLASS 1612 - DRONE SYMA X5C-1 CLASS
The Aviation and Aerospace Division will award an outstanding trophy for each category (DJ Tello and Syma X5C-1) based upon the following criteria:
1. Each entry in this division receiving a first place ribbon will be awarded three points, second place two points and third place one point.
2. Each entry in this division receiving a special award will receive one point.
3. The school receiving the most total points will be awarded the outstanding trophy.

RULES:
1. Grade Levels: Middle school exhibitors only.
2. Number of Entries: One entry per school, team of two ONLY.
3. Drone specifications : DJ Tello and Syma X5C-1 Class ONLY

EVENT PROCEDURES:
SAFETY
a. Pilots may not fly in an intentionally dangerous manner. Aircraft may not be armed when being held by an individual.
b. When configuring an aircraft using the Open Pilot or any other software, it is imperative that no propellers are attached to said aircraft's motors.
c. Team members may not fly their aircraft over or near other individuals.
d. Pilots may only fly their aircraft within the hot zone of the competition field or the practice tent.
e. Teams may only arm and fly their airtcraft when instructed to do so by a field referee or the practice tent manager.
f. Pilots will be asked to crash land or ground their aircraft if its flight course poses a threat to any indididuals or goes beyond the boundaries of the playing field.
g. Pilots may only connect a battery to the drone when the drone is on the hot table and told to do so by the chief referee or practice tent manager.
h. The transmitter must be placed on the table and remain untouched when a team member is connecting a battery to the aircraft and placing it on the field.
i. Pilots and spotters will wear eye protection and safety vest when in the flying area.
j. Drone teams will adhere to all safety rules and directions of game officials. In the case of a crash or entanglement of the drone, the drone must be disarmed beßore it be can retrieve.

FLIGHT CHALLENGE RULES
The Flight Challenge will consist of four mini-challenges. A team's Flight Challenge Score will be the sum of their scores from each mini-challenge. The Flight Challenge will test pilots in the areas of:
- Hovering
- Precision landings
- Precision throttle control
- Comprehensive elevator and aileron control

AVIATION HISTORY CLASS JUDGING CRITERIA:
Quality of work, neatness and accuracy of the display and the information it contains.

CLASS NUMBER AND TITLE – SEE DESCRIPTIONS ABOVE:
Class 1601 - Aerospace Photography High School Level
Class 1602 - Aerospace Photography Middle School Level
Class 1603 - Aerospace/Rocketry Tech Display High School Level
Class 1604 - Aerospace/Rocketry Tech Display Middle School Level
Class 1605 - Metric Glider High School Level
Class 1606 - Metric Glider Middle School Level
Class 1607 - Famous Aviator/Astronaut High School Level
Class 1608 - Famous Aviator/Astronaut Middle School Level
Class 1609 - Aviation History High School Level
Class 1610 - Aviation History Middle School Level
Class 1611 - Drone DJ Tello
Class 1612 - Drone Syma X5C-1 Class

PREMIUMS, PLAQUES AND TROPHIES:
Steven A. Bachmeyer Aviation Award of Excellence..............Plaque
Best Overall High School ....Plaque
Best Overall Middle School..Plaque

First Place High School Level Metric Glider...........................Trophy
Second Place High School Level Metric Glider ....Trophy
Third Place High School Level Metric Glider..........................Trophy
First Place Middle School Level Metric Glider ....Trophy
Second Place Middle School Level Metric Glider...................Trophy
Third Place Middle School Level Metric Glider ....Trophy

DJ Tello Overall Champion.................................$10.00 and Trophy
DJ Tello Overall Runner Up ....$10.00 and Trophy
DJ Tello Overall Best **DRONE** Performance.........$10.00 and Trophy
Syma X5C-1 Class Overall Champion............$10.00 and Trophy
Syma X5C-1 Class Overall Runner Up.............$10.00 and Trophy
Syma X5C-1 Class Best **DRONE** Performance.. .$10.00 and Trophy

Special Award............................$10.00 and Purple Ribbon/Rosette
First Place ....8.00 and Blue Ribbon
Second Place...6.00 and Red Ribbon
Third Place..4.00 and White Ribbon
Fourth Place .... Yellow Ribbon

If there are no entries meeting the quality standards for any special awards, no award will be given.

2023 STEAM AT THE FAIR HANDBOOK | MIAMI-DADE COUNTY FAIR & EXPOSITION, INC.

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BUSINESS, FINANCE, MARKETING, AND INFORMATION

TECHNOLOGY ★ DIVISION 35

Superintendents: Robert Quinn • Sonia Samaroo • Diana Morales • Bevavce Lynch • Cristina Delgado-Ruiz
Assistant Superintendents: Lergia Capdevila • Rosa Pereira • Befy Cibeira • Mayada Ramirez • Daniel Bubbel

Entry Form accepted from October 1, 2022 to January 24, 2023.

Check In:	March 2, 2023, 4:00 PM to 8:00 PM in Arnold Hall.
	March 4, 2023, 10:00 AM to 4:00 PM in Arnold Hall.
Check Out:	April 13, 2023, 4:00 PM to 8:00 PM in Arnold Hall.
Group Entries:	Not Accepted

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INCLUDES:
Exhibits demonstrating digital design, personal and business finance, entrepreneurship, international business, finance, technology and marketing. Specific examples are noted under class descriptions. ALL PROJECTS MUST BE ENTERED IN DIGITAL FORM, PC COMPATIBLE ON CD OR FLASH DRIVE AS WELL AS HARD COPY FORM SUCH AS; dioramas, self-standing posters or charts, games, original computer and software videos (limited to 3 minutes) may be used. Documentation of the project must not to exceed 3 typed pages.

RULES:
Grade Levels: 6 - 12 Individual entries only; NO GROUP ENTRIES.
1. Number of Entries: Students are limited to one exhibit in one class only.
2. Size and Mounting Specifications: Maximum size of posters, display boards, and dioramas should not exceed 2' x 2' x 2'. When using a display board, the center section should not exceed 2', not including folding sides.
3. Entry Tag(s) must be securely attached on the front of lower right hand corner of the exhibit.
4. Acceptable Entries: Computer software may not run longer than three minutes. All Flash Drives must be properly labeled with the entry tag number and names of students who worked on the entry. See additional criteria for software. All exhibits must be self-supporting for display purposes. Videos must be the standard format and PC compatible. Computer equipment will be available for judging and display purposes. All parts of the exhibit must be securely attached. Written documentation should be attached to the back of the display board (if applicable) and labeled with exhibit name, class title, entrant name, phone number, school name and grade level designation.
5. Multimedia projects: Projects done on presentation software should meet the following minimum requirements:
• Flash Drive label should identify software used and include the title of presentation.
• Presentations cannot run more than three minutes.
• Presentation should be set to run automatically.
• Presentation will be evaluated on the following criteria:
   • Proper grammar and correct spelling
   • Transitions used
   • Graphics match the topic
   • Sound effects incorporated in the presentation
   • Title and ending slide used
   • A printout of the presentation should be included.
6. NOT ACCEPTABLE: Professionally constructed materials will not be accepted as exhibits. Any presentation depicting violence, guns, alcohol, drugs, inappropriate or any other questionable acts will be disqualified.
7. Generally, only blue and red ribbon winners will be displayed based on space available. White and yellow ribbon exhibits may not be openly displayed.
8. ANY ENTRIES NOT CONFORMING TO THE ABOVE RULES OR THE OFFICIAL FAIR RULES WILL BE DISQUALIFIED AT THE DISCRETION OF THE JUDGES AT CHECK IN.
9. This Division will accept only those entries made expressly for the 2023 fair. All decisions of the judges are final. The Youth Fair management has jurisdiction over interpretation of these rules. Items entered in the wrong Division will not be judged nor shown. This Division is not responsible for lost/damaged items. All exhibits not picked up at check out will be disposed of and cash awards and ribbons forfeited.

Class 3501 - Informational Technology: May include, but is not limited to, exhibits and documentation of digitally enhanced designs using design software such as Adobe Photoshop or iPhoto to produce magazine covers, advertisements, promotional brochures or posters.

Class 3502 - Personal and Business Finance: May include, but is not limited to, exhibits and documentation related to Stock Market activities, Bitcoin, Blockchain, Cryptocurrency, Financial Planning, Comparative Shopping, Consumer Credit, Consumer Laws, Buying a House, Buying a Car, Personal Finance (how to budget, when to borrow, types of credit), Angel Investors and Insurance (types of insurance, insurance fraud).

Class 3503 - Entrepreneurship: May include, but is not limited to, exhibits and documentation of: Business Plans, Business Research and Development of Products or Services, Marketing Ideas, Product Design, How to Start Your Business, Laws of Incorporation and Types of Business Organizations.

Class 3504 - International Business and Finance: May include, but is not limited to, exhibits and documentation of: World Trade, Import and Export Data, World Ports, International Airports, Currency Fluctuations, Politics of Trade, International Monetary Fund, The World Bank, Third World Debt, The European Community Market, Exchange Rate Systems, Protectionism versus Free Trade, Multinational Enterprises and Corporate Social Responsibility.

Class 3505 - Technology: May include, but is not limited to, exhibits and documentation and software on: website design, multimedia presentations, technology innovations on specific business fields and internet marketing. Website design and multimedia presentation projects: These projects must be related to a theme in business and must be original. Documentation cannot exceed three pages and must state: type of software used, rationale for project and amount of time required to complete the project. The website USB must be submitted in order to be judged, along with a JPG screenshot of the home page. The screenshots of the homepage will be displayed on monitors.

Class 3506 - Marketing: May include, but is not limited to, exhibits and documentation of travel and tourism, hospitality management, entrepreneurship, real estate and logistics , social media, examples: Word Press sites, Bulb presentations.

Class 3507 - Computer Game Development: May include, but is not limited to, exhibits and documentation and software on: computer game development. Any presentation depicting violence, guns, alcohol, drugs or any other questionable acts will be disqualified. The computer game must be submitted on USB. On the USB: a folder called DEV containing all game code, images, sounds and all files related to making the packaged game; On the USB: a folder called DOCS will contain description of your game, instructions on how to play the game and description of two additional game levels. The folder will also include a JPG poster for display. The poster Case must be designed to promote the game to the intended audience. The game must run automatically upon start up.

CLASS NUMBER AND TITLE – SEE DESCRIPTIONS ABOVE:

Class 3501 - Information Technology
Class 3502 - Personal and Business Finance
Class 3503 - Entrepreneurship
Class 3504 - International Business and Finance
Class 3505 - Technology
Class 3506 - Marketing
Class 3507 - Educational Computer Gaming Development

JUDGING CRITERIA:

Quality of presentation, proper grammar, correct spelling, emphasis on basic concepts in all projects, originality, creativity, logical development of critical thinking skills, accuracy, visual appeal, and completeness.

PREMIUMS:

Best in Show - Middle School $25.00
Best in Show - High School $25.00
Special Award ....$10.00 and Purple Ribbon / Rosette
First Place ....8.00 and Blue Ribbon
Second Place...6.00 and Red Ribbon
Third Place...4.00 and White Ribbon
Fourth Place .... Yellow Ribbon

If there are no entries meeting the quality standards for any special awards, no award will be given.

TECHNOLOGY COMPETITIONS AND EXHIBITS

DIGICON SERIES:
CODING WITH SCRATCH CHALLENGE ★ DIVISION 68

Superintendent: Pamela Wentworth • Marco A. Diez

Entry Form accepted from October 1, 2022 to January 24, 2023.

Group Entries: Not Accepted
Competition Date: Thursday, March 30, 2023 (5:00 pm to 7:00 pm) in Arnold Hall

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Coding with Scratch Challenge: Each school can register up to 4 students grades 6 – 8. A total of 20 students will be selected to participate in the DigiCon: Coding with Scratch Challenge. Students must have experience with Coding with Scratch to compete. They should understand basic world building, layers, and navigation. The instructions for the challenge will be given at the time of competition. The students will have 1 hour to complete the challenge and be prepared to share their solution and coding with the judges. On the day of the competition, students must arrive by 5:00 p.m. and be ready to receive instructions for the challenge. All materials to complete the challenge will be provided at the time of competition.

RULES:
1. Grade Levels: Students in grades 6-8 are eligible to enter this division.
2. Number of Entries: Up to 4 students per school will be allowed.
3. Requirements for Entries: Students must have experience with Scratch coding, including basic sprites, layers, and navigation. Information about Scratch is found at http://scratch.mit.edu
4. Coaches must email Teacher entry form(s) to **marcodiez@dadeschools.net** and **exhibits@fairexpo.com**
5. Additional details will be shared with teams after registration. For more information, please contact Marco Diez at marcodiez@dadeschools.net or Rosa Bohn at natalybohn@dadeschools.net
6. Day of Competition: Students must arrive at the Fair by 5:00 p.m. on the day of competition prepared to receive instructions for the competition.
7. ANY ENTRIES NOT CONFORMING TO THE ABOVE RULES OR THE OFFICIAL FAIR RULES WILL BE DISQUALIFIED AT THE DISCRETION OF THE JUDGES.
8. This division will accept only those entries made expressly for the 2023 Fair.
9. All decisions of the judges are final. The Fair management has jurisdiction over interpretation of these rules. Items entered in the wrong division will not be judged nor shown.
10. This division is not responsible for lost/damaged items.

CLASS NUMBER AND TITLE:
Class 6801 – Coding with Scratch Challenge Grades 6-8

PREMIUMS:
Special Award ....$10.00 and Purple Ribbon/Rosette
First Place ....8.00 and Blue Ribbon
Second Place...6.00 and Red Ribbon
Third Place..4.00 and White Ribbon
Fourth Place .... Yellow Ribbon

If there are no entries meeting the quality standards for any special awards, no award will be given.

TECHNOLOGY COMPETITIONS AND EXHIBITS

DIGICON SERIES:
MINECRAFT EDUCATION EDITION CHALLENGE ★
DIVISION 71

Superintendent: Marco A. Diez • Rosa Bohn

Entry Form accepted from October 1, 2022 to January 24, 2023.

Group Entries: Accepted
Competition Date: Wednesday, March 29, 2023 (5:00 pm to 7:00 pm) in Arnold Hall

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Minecraft Education Edition Challenge: Each school can register up to 4 students grades 4 – 8. A total of 20 students will be selected to participate in the Digicon: Minecraft Education Edition Challenge. Students must have experience with Minecraft Education Edition in order to compete. They should understand basic world building, layers, and navigation. The instructions for the challenge will be given at the time of competition. The students will have 1 hour to complete the challenge and be prepared to share their solution and coding with the judges. On the day of the competition, students must arrive by 5:00 p.m. and be ready to receive instructions for the challenge. All materials to complete the challenge will be provided at the time of competition.

RULES:
1. Grade Levels: Students in grades 4-8 are eligible to enter this division.
2. Number of Entries: Up to 4 students per school will be allowed.
3. Requirements for Entries: Students must have experience with Minecraft Education Edition, basic world building, layers, and navigation. Information about Minecraft Education Edition is found at http://education.minecraft.net/
4. Coaches must email Teacher entry form(s) to **marcodiez@dadeschools.net** and **exhibits@fairexpo.com**
5. Additional details will be shared with teams after registration. For more information, please contact Marco Diez at marcodiez@dadeschools.net or Rosa Bohn at natalybohn@dadeschools.net
6. Day of Competition: Students must arrive at the Fair by 5:00 p.m. on the day of competition prepared to receive instructions for the competition.
7. ANY ENTRIES NOT CONFORMING TO THE ABOVE RULES OR THE OFFICIAL FAIR RULES WILL BE DISQUALIFIED AT THE DISCRETION OF THE JUDGES.
8. This division will accept only those entries made expressly for the 2023 Fair.
9. All decisions of the judges are final. The Fair management has jurisdiction over interpretation of these rules. Items entered in the wrong division will not be judged nor shown.
10. This division is not responsible for lost/damaged items.

CLASS NUMBER AND TITLE:
Class 7101 – Minecraft Education Challenge for Grades 4-8

PREMIUMS:
Special Award ....$10.00 and Purple Ribbon/Rosette
First Place ....8.00 and Blue Ribbon
Second Place..6.00 and Red Ribbon
Third Place..4.00 and White Ribbon
Fourth Place .... Yellow Ribbon

If there are no entries meeting the quality standards for any special awards, no award will be given.

TECHNOLOGY COMPETITIONS AND EXHIBITS

DIGICON SERIES:
IBOT INITITATIVE CHALLENGE ★ DIVISION 76

Superintendent: Marco A. Diez • Rosa Bohn

Entry Form accepted from October 1, 2022 to January 24, 2023.

Group Entries: Accepted
Competition Date: Thursday, March 31, 2023, 4:30 pm to 7:00 pm in Arnold Hall

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iBot Initiative Challenge: Teams of up to 4 students in Grades 2-5 can compete. Each school can register up to 2 teams. A total of 20 teams will be selected to participate in the Digicon: iBot Initiative Challenge. Students must have experience coding using the sphero.edu block program. They should understand basic movements, turns, and spins. The instructions for the challenge will be given at the time of competition. The students will drive and code their Sphero robot to complete the challenge. On the day of the competition, students must arrive by 4:30 p.m., and be ready to receive instructions for the challenge. Teams should bring a handheld device to run their program. A Sphero robot will be provided to each team.

RULES:
1. Grade Levels: Students in grades 2-5 are eligible to enter this division.
2. Number of Entries: Up to 4 students per team will be allowed per school (up to 2 teams per school).
3. Requirements for Entries: Students must have experience coding using the sphero.edu block program. Information about sphero.edu is found at https://edu.sphero.com/gettingstarted
4. Coaches must email Teacher entry form(s) to **marcodiez@dadeschools.net** and **exhibits@fairexpo.com**
5. Additional details will be shared with teams after registration. For more information, please contact Marco Diez at **marcodiez@dadeschools.net** or Rosa Bohn at **natalybohn@dadeschools.net**
6. Day of Competition: Students must arrive at the Fair by 4:30 p.m. on the day of competition prepared to receive instructions for the competition.
7. ANY ENTRIES NOT CONFORMING TO THE ABOVE RULES OR THE OFFICIAL FAIR RULES WILL BE DISQUALIFIED AT THE DISCRETION OF THE JUDGES.
8. This division will accept only those entries made expressly for the 2023 Fair.
9. All decisions of the judges are final. The Fair management has jurisdiction over interpretation of these rules. Items entered in the wrong division will not be judged nor shown.
10. This division is not responsible for lost/damaged items.

CLASS NUMBER AND TITLE:
Class 7601 – iBot Initiative Challenge for Grades 2-5.

PREMIUMS AND AWARDS:

Excellence Award...Trophy
Programming Award..Trophy
Driving Award ....Trophy

Special Award...........................$10.00 and Purple Ribbon/Rosette
First Place ....8.00 and Blue Ribbon
Second Place...6.00 and Red Ribbon
Third Place...4.00 and White Ribbon
Fourth Place .... Yellow Ribbon

If there are no entries meeting the quality standards for any special awards, no award will be given.

TECHNOLOGY COMPETITIONS AND EXHIBITS

DIGICON SERIES:
VEXCODE VR CHALLENGE ★ DIVISION 77

Superintendent: Marco A. Diez • Rosa Bohn

Entry Form accepted from October 1, 2022 to January 24, 2023.

Group Entries: Accepted
Competition Date: Elementary School - Wednesday, April 5, 2023 (5:00 pm to 7:00 pm) in Arnold Hall
                                Middle School - Thursday, April 6, 2023 (5:00 pm to 7:00 pm) in Arnold Hall

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VEXCode VR Challenge: Each school can register up to 2 students grades 3-5 for the Elementary division, and grades 6 – 8 for the Middle School division. Each school may only register one team of students, except K-8 centers, who may register one team in each division. A total of 20 students will be selected to participate in the DigiCon: VEXcode VR challenge for each division. Students must have experience with coding with VEXcode VR to compete. They should understand how to code basic movements, use sensors and conditions. The instructions for the challenge will be given at the time of competition. The students will have 1 hour to complete the challenge and be prepared to share their solution and coding with the judges. On the day of the competition, students must arrive by 5:00 p.m. and be ready to receive instructions for the challenge.

RULES:
1. Grade Levels: Students in grades 3-5 are eligible to enter the Elementary School division.
2. Grade Levels: Students in grades 6-8 are eligible to enter the Middle School division.
3.   Number of Entries: Up to 2 students per school will be allowed.
4. Requirements for Entries: Students must have experience coding using the VEXcode VR platform.
5. Day of Competition: Students must arrive at the Fair by 5:00 p.m. on the day of competition prepared to receive instructions for the competition.
6. ANY ENTRIES NOT CONFORMING TO THE ABOVE RULES OR THE OFFICIAL FAIR RULES WILL BE DISQUALIFIED AT THE DISCRETION OF THE JUDGES.
7. This division will accept only those entries made expressly for the 2023 Fair.
8.   All decisions of the judges are final. The Fair management has jurisdiction over interpretation of these rules. Items entered in the wrong division will not be judged nor shown.
9. This division is not responsible for lost/damaged items.

CLASS NUMBER AND TITLE:
Class 7701 – VEXCode VR: Elementary Division (Grades 3 - 5)
Class 7702 – VEXCode VR: Middle School Division (Grades 6 – 8)

PREMIUMS:
Special Award ....$10.00 and Purple Ribbon/Rosette
First Place ....8.00 and Blue Ribbon
Second Place...6.00 and Red Ribbon
Third Place...4.00 and White Ribbon
Fourth Place .... Yellow Ribbon

If there are no entries meeting the quality standards for any special awards, no award will be given.

TECHNOLOGY COMPETITIONS AND EXHIBITS

DRAFTING ★ DIVISION 7

Superintendents: Carlos Delahoz • Rigoberto Mercado
Assistant Superintendents: Gustavo Delahoz

Entry Form accepted from October 1, 2022 to January 24, 2023.

Check In: March 2, 2023, 4:00 PM to 8:00 PM in Arnold Hall.
                       March 4, 2023, 10:00 AM to 4:00 PM in Arnold Hall.
Check Out: April 13, 2023, 4:00 PM to 8:00 PM in Arnold Hall.
Group Entries: Not Accepted

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The Drafting Division will award an outstanding trophy for each level (middle and senior high school) based upon the following criteria:

1. Each entry in this division receiving a blue ribbon will be awarded one point.
2. Each entry in this division receiving a purple ribbon will receive one point.
3. The school receiving the most total points will be awarded the outstanding trophy.

RULES:

1. Grade Levels: Middle and High School only. All work must be done by the individual since the last fair.
2. Number of Entries: Students may enter 1 exhibit in each class listed, but may enter as many classes as desired.
3. Size and Mounting Specifications: Refer carefully to the Class Descriptions below for size requirements. All work must be mounted on poster or mat board or some type of equal material. NO FOAM BOARD.
4. Entry Tag(s) must be securely attached to the front of the entry.
5. Acceptable Entries: All CAD entries must have an architectural or engineering theme.
6. NOT ACCEPTABLE: No blueprint entries. Posters will NOT be accepted. NO FOAM BOARD.
7. Due to space limitations, this division will display only Blue and Red ribbons.
8. ANY ENTRY NOT CONFORMING TO THE ABOVE RULES OR THE OFFICIAL FAIR RULES WILL BE DISQUALIFIED.
9. This Division will accept only those entries made expressly for the 2023 fair. All decisions of the judges are final. The Youth Fair management has jurisdiction over interpretation of these rules. Items entered in the wrong Division will not be judged or shown. This Division is not responsible for lost/damaged items. All exhibits not picked up at check out will be disposed of and cash awards and ribbons forfeited.

CLASS NUMBERS, TITLES, AND DESCRIPTIONS:

Class 701 – Architectural Working Drawings: Working drawings must include a complete set on any project such as a residence or commercial building. Drawings shall be on tracing paper. Entry shall include but not be limited to the following drawings: floor plan, plot plan foundation, exterior elevations, interior elevations, electrical, plumbing, wall details, windows and door schedule. Drawings are to be bound in a set using the above order and mounted on a single sheet of mat board. Working drawings may be on A, B, C or D size paper.

Class 702 – Architectural Presentation Drawings: Presentation drawings may be rendered in any method desired. Drawings may be printed in black and white or in color on any suitable paper 11″ X 17″ or larger, but not to exceed 30″ X 40″ and mounted on illustration board. The entry must include all drawings necessary to indicate the scope of the project, namely: (a) plot plan, (b) a floor plan and (c) a perspective of the building.

Class 703 – Architectural Rendering: Drawings may be printed in black and white or in color on any suitable paper 11″ X 17″ or larger, but not to exceed 30″ X 40″ and mounted on illustration board. Drawing may be done by hand or CAD. An example of a rendering can be a perspective or elevation of an interior or exterior part of a building.

Class 704 – Architectural Scale Models: Any architectural scale model of residential or commercial buildings shall be the kind to be shown to a client by an architect. The model should be mounted on plywood or foam board which is no larger than 24″ X 36″ and not less than 18″ x 24″. Drawings of the model must be submitted. Drawings MUST include: a floor plan. All model parts must be securely attached. NO KITS ALLOWED.

Class 705 – Architectural CAD Drafting: CAD drafting entries include any type of architectural drawing done with the computer and a plotter or printer.

Class 706 – Engineering Hand Drawn Detailed Drawings: Detailed drawings are in pencil on either drawing or tracing paper. Include irregular shaped objects that may have either practical or theoretical applications. Drawings must be properly dimensioned. A model may accompany drawings.

Class 707 – Engineering CAD Drawings: CAD drafting entries include any type of engineering drawing done with the computer and a plotter/printer.

CLASS NUMBER AND TITLE:

Class 701 - Architectural Working Drawings
Class 702 - Architectural Presentation Drawings
Class 703 - Architectural Rendering
Class 704 - Architectural Scale Models
Class 705 - Architectural CAD Drafting
Class 706 - Engineering Hand Drawn Detailed Drawings
Class 707 - Engineering CAD Drawings

JUDGING CRITERIA:

Relationship of design to function and purpose, quality of craftsmanship, suitability of materials, scope of process involved, age of individual student.

PREMIUMS AND TROPHIES:

Best of Show ....Trophy
Outstanding Senior High/Middle School...............................Trophy
Special Award ....$10.00 and Purple Ribbon/Rosette
First Place ....8.00 and Blue Ribbon
Second Place...6.00 and Red Ribbon
Third Place..4.00 and White Ribbon
Fourth Place .... Yellow Ribbon

If there are no entries meeting the quality standards for any special awards, no award will be given.

2023 STEAM AT THE FAIR HANDBOOK | MIAMI-DADE COUNTY FAIR & EXPOSITION, INC.

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TECHNOLOGY COMPETITIONS AND EXHIBITS

E-SPORTS ★ DIVISION 75

Superintendents: Donald Cole
Assistant Superintendents: Ambar Alfaro

Entry Form accepted from October 1, 2022 to January 24, 2023.

Check In:	March 2, 2023, 4:00 PM to 8:00 PM in Arnold Hall.
	March 4, 2023, 10:00 AM to 4:00 PM in Arnold Hall.
Check Out:	April 13, 2023, 4:00 PM to 8:00 PM in Arnold Hall.
Group Entries:	Accepted
Registration:	Only open to NASEF/HSEL/MSEL registered schools.
Competition Date:	Saturday, April 1 Middle School and Sunday, April 2, 2023 High School (1:00 pm to 8:00 pm) in Arnold Hall

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COMPETITION DATE:
E-Sports:
Middle School - Saturday, April 1, 2023 - 1:00 pm to 8:00 pm in Arnold Hall. Check in by 12:30 pm, competition starts promptly at 1 pm.
High School - Sunday, April 2, 2023 - 1:00 PM - 8:00 PM in Arnold Hall. Check in by 12:30 pm, competition starts promptly at 1 pm.

E-Sports describes the world of competitive, organized video gaming. Competitors from different leagues or teams face off in the same games that are popular with gamers: SMASH Bros, Rocket League, Madden and NBA 2K, to name a few. These gamers are watched and followed by millions of fans all over the world, who attend live events or tune in on TV or online.

GAME TOURNAMENT
The E-Sports Tournament will provide students with the opportunity to create content around each E-Sports team, demonstrate their in-game skills playing in a SMASH Bros, Rocket League, Madden and NBA 2K tournaments, and compete for the opportunity to be declared the winner.
Each school will provide up to 3 players and 1 substitute player to compete in each tournament to determine a winner.

TOURNAMENTS
- Smash Bros
- Rocket League
- Madden
- NBA 2K

FAN ART CHALLENGES
Creating fan art requires you to build on the existing lore, characters, and worlds that exist within the E-Sports realm. Using your preferred medium, create artwork inspired by one of your favorite games. This artwork can be a painting a drawing, or a digital design (2D or 3D). As a reminder all artwork must be original.
Each school will provide up to 3 entries for the Fan Art Challenge. Please submit your Fan Art entries on one of the check-in dates listed above. All exhibits not picked up at check out will be disposed of and cash awards and ribbons forfeited.

CLASS NUMBER AND TITLE FOR MIDDLE SCHOOLS:
Class 7501 – Tournaments – Smash Bros

Class 7502 – Tournaments – Rocket League
Class 7503 – Tournaments – Madden
Class 7504 – Tournaments – NBA 2K
Class 7505 – Beyond the Game Challenges – Fan Art

CLASS NUMBER AND TITLE FOR HIGH SCHOOLS:
Class 7506 – Tournaments – Smash Bros
Class 7507 – Tournaments – Rocket League
Class 7508 – Tournaments – Madden
Class 7509 – Tournaments – NBA 2K
Class 7510 – Beyond the Game Challenges – Fan Art

PREMIUMS AND AWARDS:
Smash Bros (1 Player)
First Place ....$20.00 and Trophy
Second Place..$15.00 and Trophy
Third Place..$10.00 and Trophy
Rocket League (3 Players)
First Place ....$20.00 and Trophy
Second Place..$15.00 and Trophy
Third Place..$10.00 and Trophy
Madden (1 Player)
First Place ....$20.00 and Trophy
Second Place..$15.00 and Trophy
Third Place..$10.00 and Trophy
NBA 2K (1 Player)
First Place ....$20.00 and Trophy
Second Place..$15.00 and Trophy
Third Place..$10.00 and Trophy

Fan Art Challenge
Special Award ....$10.00 and Purple Ribbon/Rosette
First Place ....8.00 and Blue Ribbon
Second Place..6.00 and Red Ribbon
Third Place...4.00 and White Ribbon
Fourth Place .... Yellow Ribbon

If there are no entries meeting the quality standards for any special awards, no award will be given.

For additional information please contact Donald Cole at donaldcole@dadeschools.net or (305) 693-3030.

TECHNOLOGY COMPETITIONS AND EXHIBITS

GRAPHIC ARTS ★ DIVISION 24

Superintendents: Robert Hemp • Claire Warren • Jean Zaldivar • Cliff Zalis
Assistant Superintendents: Roger Griffin • Idania Diaz • Ruben Perez • Ben Rosenthal

Entry Form accepted from October 1, 2022 to January 24, 2023.

Check In:	March 2, 2023, 4:00 PM to 8:00 PM in Arnold Hall.
	March 4, 2023, 10:00 AM to 4:00 PM in Arnold Hall.
Check Out:	April 13, 2023, 4:00 PM to 8:00 PM in Arnold Hall.
Group Entries:	Not Accepted.

This division was developed for students enrolled in Technology Education classes in the middle and senior high school level. Although open to all students, it is advisable that exhibitors check with a Technology Education teacher for further explanation of the criteria or email brosenthal@dadeschools.net.

Each class must be identified on the entry form. Special Centers and Opportunity Schools must include this information on form also.

RULES:
1. Grade Levels: 6 – 12, except Class 2406 (Tri-Fold Brochure) Middle School only and Class 2411 (Large Format Poster Printing) high school only. All work must be the original work of the individual.
2. Number of Entries: Students are limited to 1 entry per class, but may enter more than 1 class.
3. **Size and Mounting Specifications: All work, unless otherwise noted, must be mounted either on BLACK or WHITE poster, tag, illustration, railroad or mat board. Entries cannot be mounted on construction paper, corrugated cardboard or foam board. Mounted entries should have a maximum mounted size of 12" x 18", except for the menu and the large format poster entry.**
4. Entry Tag(s) must be attached in the bottom right margin of the entry's mounting board.
5. Acceptable Entries: Entries should not be hand-drawn. However, hand-drawn illustrations may be used if they are digitally scanned and then reproduced according to the specifications of the class student is entering.
6. **NOT ACCEPTABLE:** No greeking or jabber (nonsense text). Entries with inappropriate content (content, images or language) will be disqualified. Entries with misspelled and grammatical errors will not be displayed. No glass may be used in any projects.
7. Due to limited space, only entries awarded blue ribbons may be displayed.
8. **ANY ENTRY NOT CONFORMING TO THE ABOVE RULES OR THE OFFICIAL FAIR RULES WILL BE DISQUALIFIED.**
9. This Division will accept only those entries made expressly for the 2023 fair. All decisions of the judges are final. The Youth Fair management has jurisdiction over interpretation of these rules. This Division is not responsible for lost/damaged items.
10. All entries will be judged on the above rules in addition to the specified rules for each class. All exhibits not picked up at check out will be disposed of and cash awards and ribbons forfeited.

CLASS NUMBER, TITLE AND DESCRIPTIONS:
CLASS 2401 - SCREEN PROCESS PRINTING ONE COLOR
Student will submit a one color screen process print. The print must be no larger than 11" x 17" (max. size of mounting board 12" x 18"). The screen print may be either hand cut or photographic/direct emulsion. Entry may be printed on paper, felt or fabric. The entry will be judged on quality of printing, registration, intricacy of design and mounting.

CLASS 2402 - SCREEN PROCESS PRINTING MULTI-COLOR
Student will submit a two-color or more screen process print. The print must be no larger than 11" x 17". Entry may be printed on paper, felt or fabric. The entry will be judged on quality of printing, intricacy of design, color registration and mounting.

CLASS 2403 -MAGAZINE FRONT AND BACK COVER - 2023 THEME: TRAVEL TO A FOREIGN COUNTRY.
Student will create an original magazine cover and full-page advertisement based on the theme. The front cover and full page ad will be equally judged on content, integration of theme, design, quality of layout, GRAMMAR and SPELLING (no greeking) and mounting. The magazine must include a:
• Front cover must show "Foreign Country" name, an original magazine title, date, volume, issue, price, barcode, and a list of 2-4 articles.
• Back cover must be designed as an original full-page advertisement related to this year's theme. Must show product photo, company name, company logo, slogan and website.

CLASS 2404 - LICENSE PLATE (VINYL SIGN MACHINE)
Using vinyl letters and designs cut from vinyl sign machine, student will produce a license plate. The license plate material may be either plastic or aluminum. The entry will be judged on design, intricacy of design, legibility and quality of vinyl application. Apply vinyl to only one side of the license plate, as only one side of the license plate will be judged per entry.
No portrait license plates will be accepted.
Landscape format only.

CLASS 2405 - 3D PACKAGE DESIGN

Students will design a 3-D mock-up of a package. The same product name, manufacturer name or logo must be on multiple sides. It must include a bar code on the back or bottom of the package. The back must contain information about the product:

- All sides must be either laser or inkjet-printed or laser or inkjet-printed and adhered to card stock, then formed to a size no larger than 12" x 12" x 12". No part of the package may be hand drawn, though scanned and printed hand drawings will be accepted.
- Large products may be presented scaled to size (ex: bicycle box).
- Product names, logos, companies, designs, etc must be original. NO copyrighted characters, must show details such as original brand and logo, weight, paragraph with product information, description or instructions.Replacing a letter in the name of an existing product, or slightly altering an existing logo of a company or product, does not constitute an original name or logo. (For example: Fepsi Cola)
- The 3-D box will be judged on: design, content, originality, GRAMMAR, SPELLING, and quality of box assembly on all sides.

CLASS 2406 - TRI-FOLD BROCHURE (MIDDLE SCHOOL ONLY)

2020 Theme - Careers

The student will design a two-sided, tri-fold brochure, pertaining to the theme. The student will research a "theme" and create a trifold brochure with the following: job title and description, salary range, employment outlook, educational requirements, etc. The brochure must have 3-5 images relating to the career and the theme.

CLASS 2407 - PHOTO RESTORATION

An original damaged photograph will be scanned using a flatbed scanner (minimum 300 dpi resolution.) Using photo editing software (example: Adobe PhotoShop) the scanned photo will be repaired and enlarged/reduced to an 8" x 10" size (either portrait or landscape.) Both the original scanned image and the enlarged/reduced restored image must be included on the entry and mounted on one board no larger than 12" X 18". The entry will be judged on quality of the scan, cropping, color correction, use of image editing tools, and presentation.

- Please DO NOT include the original photograph, only the scan of the original photo and the restored 8 x 10 photo.
- The original scan does not need to be enlarged/reduced.
- Mount both the original scan and the restored image.
- **PORTRAITS only.** Low resolution images (72dpi) taken from the internet will be disqualified. Photo used must be original photo, not a photo taken from the internet.

CLASS 2408 - PHOTO COLORIZATION

An original black and white photograph will be scanned using a flatbed scanner (minimum 300 dpi resolution) Using photo editing software (example: Adobe PhotoShop) a copy of the scanned photo will be colorized and enlarged/reduced to an 8" x 10" size (either portrait or landscape) and colorized. Both the copy of the scanned image and the enlarged/reduced colorized image must be included on the entry and mounted on one board no larger than 12" X 18". The entry will be judged on quality of the scan, cropping, quality of color correction and presentation.

- Please DO NOT include the original photograph, only the scan of the original photo and the colorized photo.
- The original scan does not need to be enlarged/reduced
- Mount both the original scan and the restored image
- Must be a separate entry than the PHOTO RESTORATION project
- Low resolution images (72dpi) taken from the internet will be disqualified

CLASS 2409 - ILLUSTRATOR SELF PORTRAIT

This project is a creative project where you will use a picture of yourself to create a self-portrait using illustrator.

- Suspected use of the IMAGE TRACE tool will result in disqualification of entry.
- For more information on this category contact **brosenthal@ dadeschools.net**
- The portrait can be printed on LETTER, LEGAL or LEDGER/ TABLOID or larger sized paper up to 18 x 24
- For judging purposes, a small copy of the student's picture must be attached to the front of the entry to provide reference to judge the likeness to the self-portrait are encouraged.

CLASS 2410 – MENU DESIGN 2023 THEME: ITALIAN FOOD

The student will create an original restaurant menu in a bifold booklet. The front and back cover will be printed on one page and the inside menu items will be printed on the other page. Inside of menu must have prices and a description of each food plate.

- The front-page cover will have an original restaurant name, original restaurant logo, fictitious address and phone number. The front page should have a background.
- The inside cover will have the menu items that will include APPETIZERS or STARTERS, SANDWICHES, ENTREES or MAIN DISHES
- The back cover will include the DESSERTS and DRINK MENU.
- The menu can be printed on LETTER, LEGAL or LEDGER/ TABLOID sized paper
- In this category if both sides of the menu are printed on 11x17 (TABLOID), 18x24 mounting will be allowed.
- The menu will be judged on design, layout, content, originality, GRAMMAR and SPELLING.

CLASS 2411 – LARGE FORMAT POSTER PRINTING – (HIGH SCHOOL ONLY)

The student will design a poster for their school's upcoming football homecoming game against their rival school. The poster must include the following:

- The poster must be "attention grabbing" and generate excitement for the game. (Either via images or text/slogan or both)
- The names or logos of the student's school and their rival's school
- Where, time and date the game is going to be held
- Additional artwork may be included
- On this category, the poster can be printed a minimum of 11x17 to a maximum of 18x24 inches. Please, no more than 10 posters per teacher on this category.

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CLASS 2412 – 3D PRINTING CHALLENGE *NEW CLASS

Student must Create an ORIGINAL DESIGN with a 3D modeling program such as AutoCAD, Inventor, Blender, or Tinker CAD. No predesigned items from the web, all work must be original and created by the student. Student will then print the design using a 3D printer. ONLY PLASTIC BASED FILAMENT. No use of laser cutting applications allowed.

Items for print may be:

Jewelry
Chains
Scaled down model items; furniture, retail items, cars, toys
Figurines
Scale sized items

JUDGING CRITERIA:

Originality
Cleanliness of print
Use of different color filaments
Moving parts
Electronic component additions, ie, motors, lights
Complexity
Intricacy
ANY ENTRIES NOT CONFORMING TO THE ABOVE RULES OR THE OFFICIAL FAIR RULES WILL BE DISQUALIFIED AT THE DISCRETION OF THE JUDGES.

PREMIUMS, PLAQUES AND TROPHIES:

Chuck Earhart Award Best Overall School in Division............Plaque
Best Overall Middle School in Classes 2401-2412.................Trophy
Best Overall High School in Classes 2401-2412 ....Trophy

Special Award ....$10.00 and Purple Ribbon/Rosette
First Place ....8.00 and Blue Ribbon
Second Place..6.00 and Red Ribbon
Third Place...4.00 and White Ribbon
Fourth Place .... Yellow Ribbon

If there are no entries meeting the quality standards for special awards, no award will be given.

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TECHNOLOGY COMPETITIONS AND EXHIBITS

ROBOTICS (VEX) ★ DIVISION 50

Superintendents: Carmen Garcia • Ivan Rico • Melissa Fernandez
Assistant Superintendents: Shawn Waring
Student Assistant Superintendents: Andy Barcelo • Scarlett Waring • Enzo Madriz

Entry Form accepted from October 1, 2022 to January 24, 2023.

Check In:	March 2, 2023, 4:00 PM to 8:00 PM in Arnold Hall.
	March 4, 2023, 10:00 AM to 4:00 PM in Arnold Hall.
Check Out:	April 13, 2023, 4:00 PM to 8:00 PM in Arnold Hall.
Group Entries:	Accepted
Competition Date:	Sunday, April 2, 2023 from 1:00 PM to 5:00 PM in Arnold Hall.

RULES:

1. Grade Levels: Middle School and High School Individual and Group entries will be accepted.
2. Number of Entries: Only one robot may be entered by an individual or team. Each teacher may enter a maximum of three robots from individuals/teams with no more than 5 student members per team.
3. Size and Materials Specifications: Robots are to be a maximum of 18"x 18"x18" or smaller at the start of the game. Refer to the guidelines in the VEX Spin Up, Section 3 The Robot at https://content.vexrobotics.com/docs/2022-2023/vrc-spin-up/VRC-SpinUp-GameManual-1.0.pdf
4. Entry Tag(s) must be adhered to the lower right corner of the engineering notebook's back cover. A copy of the tag must be securely attached to the robot entry.
5. Acceptable Entries: Each entry must consist of two parts.
   • Part One - The VEX competition robot which meets the guidelines set forth in the VEX Spin Up – Game Manual (Inspection Guidelines) https://content.vexrobotics.com/docs/2022-2023/vrc-spin-up/VRC-SpinUp-GameManual-1.0.pdf.
   • Part Two - An Engineering Notebook (per robot) with documentation, as set forth in the engineering notebook rubric and guidelines available at curriculum.vexrobotics.com/teacher-materials/assessment-tools/engineering-notebook.html and submitted in the form of a bound engineering notebook. The robot and accompanying Engineering Notebook must be submitted to the judging committee on project check-in day for evaluation. All exhibits not picked up at check out will be disposed of and cash awards and ribbons forfeited.
6. NOTE: ALL members, coaches, and guests in the pit area must have **SAFETY GLASSES** with side shields or safety goggles on at all times. Each team is responsible for bringing their safety equipment. Failure to follow this rule will constitute a safety violation and may result in your team being disqualified.
7. NOT ACCEPTABLE: No team will be allowed to check-in their entry without the accompanying engineering documentation. Teams not passing inspection guidelines at check-in may be allowed to check-in their robot at the judge's discretion but will not be allowed to participate in a qualifying match until robot inspection has been passed.

VEX GAME DESCRIPTION:

Matches are played on a field set up as mentioned below and in figures throughout the game manual. Two Alliances one "red" and one "blue," - composed of two Teams - each compete in each Match. The object of the game is to attain a higher score than the opposing Alliance by Scoring Discs, Owning Rollers, and Covering field tiles at the end of the Match.

An Autonomous Win Point is awarded to any Alliance that Owns two (2) Rollers and has Scored at least two (2) Discs in their Alliance-colored High Goal at the end of the Autonomous Period. An Autonomous Bonus is awarded to the Alliance that has the most points at the end of the Autonomous Period.

COMPETITION GUIDELINES AND REQUIREMENTS:

The VEX Robotics Competition Spin Up field consists of the following: Sixty (60) Discs, Eight (8) that begin as Preloads, four (4) per Alliance Fourteen (14) that are used as Match Load Discs, seven (7) per Alliance Thirty-eight (38) that begin on the Field • Four (4) Rollers • Two (2) High Goals, one per Alliance • Two (2) Nets, one behind each High Goal • Two (2) Loaders, one in front of each Alliance Station.

There are specific rules and limitations that apply to the design and construction of your Robot. Please ensure that you are familiar with these Robot rules before beginning your Robot design. These "inspection rules" are verified prior to the beginning of each event, in a formal Robot Inspection.

Only one (1) Robot will be allowed to compete per Team at a given event in the VEX Robotics Competition. Though it is expected that Teams will make changes to their Robot at the competition, a Team is limited to only one (1) Robot at a given event.

THE PLAYING FIELD:

Participants can download specific information and a drawing of this year's competition field in the following document: VEX Spin Up – Appendix A (Field Drawings, Specifications, & BOM) located at https://content.vexrobotics.com/docs/2022-2023/vrc-spin-up/VRC-SpinUp-GameManual-1.0.pdf.

The Robot:
All robot entries must meet the guidelines set forth in VEX Spin Up – Game Manual, Section 3 located at https://content.vexrobotics.com/docs/2022-2023/vrc-spin-up/VRC-SpinUp-GameManual-1.0.pdf.

VEX SPIN UP TOURNAMENT TROPHIES:
The Captain of the winning alliance will receive a team trophy identifying them as Team Captains for the Winning Alliance. The remaining alliance team from the winning alliance will receive Winning Alliance Team Trophies.

JUDGING AND SCORING CRITERIA:
Engineering Notebook
Engineering notebooks will be scored by a committee based on the rubric and guidelines at curriculum.vexrobotics.com/teacher-materials/assessment-tools/engineering-notebook.html. Tie breakers will be decided by the Engineering Notebook Review Committee.

ROBOTICS ENGINEERING NOTEBOOK:
The top 3 scoring high school and middle school teams' notebooks based on the rubric will be awarded first, second and third place team ribbons. Tie breakers will be decided by the notebook judging committee.

CLASS NUMBER AND TITLE:
Class 5001 – High School and Middle School VEX Spin Up Tournament

PREMIUMS AND TROPHIES:
Winning Alliance Team Captain ....Trophy
Two Winning Alliance Team ....Trophy

Special Award ....$10.00 and Purple Ribbon/Rosette
First Place ....8.00 and Blue Ribbon
Second Place..6.00 and Red Ribbon
Third Place..4.00 and White Ribbon
Fourth Place .... Yellow Ribbon

If there are no entries meeting the quality standards for any special awards, no award will be given.

If you have any questions during the construction of your robot about competition rules, please refer to the Vex Spin Up game manual. For any additional questions please email Carmen Garcia at clgarcia@dadeschools. net or Melissa Fernandez at melissafernandez@dadeschools.net.

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TECHNOLOGY COMPETITIONS AND EXHIBITS

VEXIQ ROBOTICS ★ DIVISION 28

Superintendents: Kim Seitz • Yamile Rivera • Nestor Marcia

Entry Form accepted from October 1, 2022 to January 24, 2023.

Check In: March 2, 2023, 4:00 PM to 8:00 PM in Arnold Hall.
                      March 4, 2023, 10:00 AM to 4:00 PM in Arnold Hall. (No other dates / times will be accepted)
Check Out: All banners, robots, and robot equipment must be removed at the end of the competition.
Group Entries: Accepted, must use appropriate form.
Competition Date: Saturday, March 18, 2023 – 1:00 pm to 4:00 pm in Arnold Hall - Middle School
Competition Date: Saturday, April 8, 2023 – 1:00 pm to 4:00 pm in Arnold Hall - Elementary School

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COMPETITION DATE:
Middle School Division –Saturday, March 18, 2023 – 1:00 pm to 4:00 pm in Arnold Hall
Elementary Division- Saturday, April 8, 2023 – 1:00 pm to 4:00 pm in Arnold Hall

CLASS NUMBER AND TITLE:
Class 2801 - VexIQ Robotics: Elementary Division Grades 3 - 5
Class 2802 - VexIQ Robotics: Middle School Division Grades 6 - 8

For the VEXIQ Robotics category, teams must follow the game rules for the current season, found in the Slapshot Game Manual found at https://content.vexrobotics.com/docs/2022-2023/viqc-slapshot/GameManual01.pdf. Teams of up to 10 students may compete. A total of 24 teams will be selected to participate in each division. Each school may only register one team of students, except K-8 centers, who may register one team in each class. On the day of the competition, teams must arrive at 1:00 pm with their inspection-ready robot and be ready to receive the schedule of matches.

RULES:
1. Grade Levels: Students in grades 3-5 are eligible to enter the VEXIQ Robotics Elementary Division and students in grades 6-8 are eligible to enter VEXIQ Robotics Middle School Division. A team that is mixed between grade 3-8 will enter the Middle School Division.
2. Number of Entries: Only 1 team is allowed per school except for K-8 Centers which may enter **one team per division.**
3. **Coaches must email Teacher entry form(s) to KSeitz@dadeschools.net and exhibits@fairexpo.com.**
4. Requirements for Entries: VEX IQ robot designed for current Challenge "Slapshot".
5. Each team must design and make a banner according to the MDCPS Banner Guidelines. The banner will be turned in on the Fair check in days.
6. Detailed information will be provided to the team coach when the team is accepted for competition.
7. For more information, please contact Kim Seitz at KSeitz@dadeschools.net.
8. ANY ENTRIES NOT CONFORMING TO THE ABOVE RULES OR THE OFFICIAL FAIR RULES WILL BE DISQUALIFIED AT THE DISCRETION OF THE JUDGES AT CHECK IN.

9. This Division will accept only those entries made expressly for the 2023 Fair. All decisions of the judges are final. The Fair management has jurisdiction over interpretation of these rules. Items entered in the wrong Division will not be judged nor shown. This Division is not responsible for lost/damaged items. All exhibits not picked up at check out will be disposed of and cash awards and ribons are forfeited.

PREMIUMS, PLAQUES AND TROPHIES:
Awarded to each participating exhibitor.
Excellence Award...School Trophy
Two Elementary Teamwork Champion Award............School Trophy
Two Middle School Teamwork Champion Award ....School Trophy
Best Robot Performance ....School Trophy
Judges Award ....School Trophy
Sportsmanship Award ....School Trophy

Special Award.........................$10.00 and Purple Ribbon / Rosette
First Place ....8.00 and Blue Ribbon
Second Place..6.00 and Red Ribbon
Third Place..4.00 and White Ribbon
Fourth Place ....Yellow Ribbon

If there are no entries meeting the quality standards for any special awards, no award will be given.

TECHNOLOGY COMPETITIONS AND EXHIBITS

FIRST LEGO® ROBOTICS ★ DIVISION 26

Superintendents: Marco Diez • Rosa Bohn

Entry Form accepted from October 1, 2022 to January 24, 2023.

Check In: March 2, 2023, 4:00 PM to 8:00 PM in Arnold Hall.
                   March 4, 2023, 10:00 AM to 4:00 PM in Arnold Hall.
Check Out: April 13, 2023, 4:00 PM to 8:00 PM in Arnold Hall.
Group Entries: Accepted
Competition Date: Sunday, April 9, 2023

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COMPETITION DATE:
FLL LEGO® Robotics: Sunday, April 9, 2023 – 1:00 PM – 4:00 PM in Arnold Hall.

CLASS NUMBER AND TITLE:
Class 2601 – FIRST LEGO® League Robotics Grades 4 – 8

First LEGO Robotics:
Teams of up to 10 students may compete. A total of 24 teams will be selected to participate in the Robot Challenge. Each school is allowed registration of up to 4 teams of students. Two tables will be provided with the challenge already set up. On the day of the competition, teams must arrive by 1:00 PM with their robot, and be ready to receive their schedule of matches. Teams must follow the rules published in the https://www.firstlegoleague.org/season Participation Rules.

RULES:
1. Grade Levels: Students in grades 4 - 8 are eligible to enter this division.
2. Number of Entries: Only 4 teams are allowed per school.
3. Requirements for Entries: FIRST LEGO® League Robot Challenge:
   a) Hardware: any version of the LEGO Mindstorms or the LEGO Spike Prime Robots.
   b) Software: EV3 programming software, SCRATCH and Python may be used to program the robot to complete the challenges published for the season.
4. Coaches must email Teacher entry form(s) to **marcodiez@dadeschools.net** and **exhibits@fairexpo.com**
5. Each team must design a team banner, following the MDCPS Banner Guidelines, must be turned in at Check in.
6. Additional details will be shared with teams after registration. For more information, please contact Marco Diez at marcodiez@dadeschools.net or Rosa Bohn at natalybohn@dadeschools.net
7. ANY ENTRIES NOT CONFORMING TO THE ABOVE RULES OR THE OFFICIAL FAIR RULES WILL BE DISQUALIFIED AT THE DISCRETION OF THE JUDGES AT CHECK IN.
8. This Division will accept only those entries made expressly for the 2023 Fair.
9. All decisions of the judges are final. The Fair management has jurisdiction over interpretation of these rules. Items entered in the wrong Division will not be judged nor shown.
10. This Division is not responsible for lost/damaged items. All exhibits not picked up at check out will be disposed of and cash awards and ribbons are forfeited. All exhibits not picked up at check out will be disposed of and cash awards and ribbons forfeited.

PREMIUMS AND TROPHIES FOR MIDDLE SCHOOL PARTICIPANTS:
Overall Champion.. Trophy
Overall Runner Up .... Trophy
Best Robot Performance .... Trophy
Best Core Values... Trophy
Best Theme Project .... Trophy
Special Award ....$10.00 and Purple Ribbon / Rosette
First Place ....8.00 and Blue Ribbon
Second Place..6.00 and Red Ribbon
Third Place...4.00 and White Ribbon
Fourth Place .... Yellow Ribbon

If there are no entries meeting the quality standards for any special awards, no awards will be given.

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TECHNOLOGY COMPETITIONS AND EXHIBITS

ROBOTICS BATTLEBOT CHALLENGE ★ DIVISION 60

Superintendents: Paul Kynerd • David Kirkpatrick • Dean Coppolo • Tom Cummings
Assistant Superintendents: Robert Dubard • Vaden Scott • Alex Garrido

Entry Form accepted from October 1, 2022 to January 24, 2023.

Check In:	March 2, 2023, 4:00 PM to 8:00 PM in Arnold Hall.
	March 4, 2023, 10:00 AM to 4:00 PM in Arnold Hall.
Check Out:	April 13, 2023, 4:00 PM to 8:00 PM in Arnold Hall.
Group Entries:	Accepted
Competition Date:	Sunday, April 9, 2023, 1:00 pm in Arnold Hall.

COMPETITION DATE:
Sunday, April 9, 2023 at 1 p.m. competition begins. Absolutely no participant may entry to The Fair before 12 noon - no exceptions!! Weigh in and safety check between 12 noon and 1 p.m. The Youth Fair event supervisors/assistant supervisors have the discretion to stop any match and exclude the said robot when the supervisors/assistant supervisors have made a decision that safety of any degree is in questions to the participant, spectators, cage or any other aspect of the event. Safety glasses must be worn at all times in the pit area or the participants will be required to leave the pit area and not allowed to participate.

RULES:
1. Grade Levels: Middle School and High School. Teams must have submitted Fair registration by the Entry Deadline, or team will be eliminated, no exceptions. (no new entries on the day of contest.)
2. Number of Entries: Each team may enter only one robot. Schools may not have more than six teams per school per division. Teams are limited to four student members and one advisor.
3. Weight Specifications:
   - Class 6001 robots must be no more than 1 pound*.
   - Class 6002 robots must be no more than 3 pounds*.
   - Class 6003 robots must be no more than 15 pounds.
   - (*Requirement for separate divider/compartment for lithium polymer battery is waived for class 6001 and class 6002).
4. Entry Tag(s) must be adhered to the lower right corner of the notebook's back cover. A copy of the tag should accompany and be affixed to the robot entry on the day of competition.
5. Acceptable Entries: Each entry must consist of two parts:
   - Combat robots must be constructed by the rules at the following web address, and the engineering build/documentation notebook should follow the guidelines at http://www.battlebots.com/downloads/rules/BattleBots_Building_Rules_HS.2010.pdf
   - Each engineering notebook must contain a general design essay as well as a separate essay of each team members focus area relative to the design/construction / maintenance and operation of the combat robot.

- The notebook must be submitted and turned over to the judging committee on project check-in day for evaluation. Teams not submitting an engineering/documentation notebook on check-in day will not be allowed to compete with their robot. No exceptions.
6. Additional Instructions: Time limitations, required safety equipment, and other items are listed below. Please review carefully.

ROBOTICS CHALLENGE PROCEDURES:
Teams will be randomly placed into a double elimination bracketed style tournament. Teams will have the task of engineering a robot with the ability to defend and defeat their opponent in a three (3) minute match. The double elimination tournament will allow a minimum of 2 competitions per team. An overall winner will be determined at the end of the tournament. Separate awards (3) will be given to the teams with best documentation of the engineering process in their engineering/ documentation notebook. Judges Awards (1) will also be given in the following categories: best engineered and most creative design. Participants can download the latest version of these rules, and additional information from http://www.battlebots.com/downloads/rules/BattleBots_Tournament_Rules.2010.pdf. If the BOTSIQ rules are updated/modified with regard to safety concerns before the date of this competition, they will be mandated at this Fair competition on April 10, 2023.

COMPETITION GUIDELINES AND REQUIREMENTS:
Teams are responsible for following appropriate safety procedures at all times as per the rules at http://www.battlebots.com/downloads/rules/BattleBots_Tournament_Rules.2010.pdf All team members must wear appropriate closed-toe footwear. No bare feet, sandals or open-toed footwear are allowed. Each team is also responsible for providing their own safety glasses at the event. All team members, including coaches, must wear safety glasses while in the pit or on the playing field. Team members not wearing appropriate safety gear will not be allowed in the pits or on the field.

THE PLAYING FIELD:
The playing field is 8' x 8' in dimension. (http://teched.dadeschools.net/Resources/Robotics challenge.htm).

THE ENGINEERING NOTEBOOK:
The engineering notebook must be in compliance with all of the referenced items per the web site at http://www.battlebots.com/downloads/rules/BattleBots_Building_Rules_HS.2010.pdf.

THE ROBOT:
The battling robot must be built within all of the referenced items per the website at http://www.battlebots.com/downloads/rules/BattleBots_Tournament_Rules.2010.pdf

CLASS NUMBER AND TITLE:
Class 6001 - Middle and High School Robotic   1-Pound BattleBot Challenge
Class 6002 - Middle and High School Robotic   3-Pound BattleBot Challenge
Class 6003 - Middle and High School Robotic 15-Pound BattleBot Challenge

JUDGING AND SCORING CRITERIA:
Tournament Combat – Matches will be 3 minutes in duration. Match winners will be determined as either a tap out, a 10 second non-motion count out or by judge's decision.

ENGINEERING NOTEBOOK SCORING RUBRIC:
http://teched.dadeschools.net/Resources/Roboticschallenge.htm

TROPHIES:
First Place ....1-pound Robot Challenge - Trophy
Second Place..............................1-pound Robot Challenge - Trophy
Third Place.................................1-pound Robot Challenge - Trophy
First Place ....3-pound Robot Challenge - Trophy
Second Place ....3-pound Robot Challenge - Trophy
Third Place.................................3-pound Robot Challenge - Trophy
First Place ....15-pound Robot Challenge - Trophy
Second Place ....15-pound Robot Challenge - Trophy
Third Place...............................15-pound Robot Challenge - Trophy
First Place Engineering Documentation .... Class 6001 - Trophy
Second Place Engineering Documentation....... Class 6001 - Trophy
Third Place Engineering Documentation .... Class 6001 - Trophy
First Place Engineering Documentation .... Class 6002 - Trophy
Second Place Engineering Documentation....... Class 6002 - Trophy
Third Place Engineering Documentation .... Class 6002 - Trophy
First Place Engineering Documentation .... Class 6003 - Trophy
Second Place Engineering Documentation....... Class 6003 - Trophy
Third Place Engineering Documentation .... Class 6003 - Trophy
Most Creative Robot Class 6001..Trophy
Most Creative Robot Class 6002..Trophy
Most Creative Robot Class 6003..Trophy
Best Engineered   1-pound Robot ....Trophy
Best Engineered   3-pound Robot ....Trophy
Best Engineered 15-pound Robot ....Trophy

PREMIUMS:
Special Award ....$10.00 and Purple Ribbon/Rosette
First Place ....8.00 and Blue Ribbon
Second Place..6.00 and Red Ribbon
Third Place...4.00 and White Ribbon
Fourth Place .... Yellow Ribbon

If you have any questions prior to registration or the actual event, please email Paul Kynerd at **pkynerd@dadeschools.net** or David Kirkpatrick at **172734@dadeschools.net.**

If there are no entries meeting the quality standards for any special awards, no award will be given.

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TECHNOLOGY COMPETITIONS AND EXHIBITS

TECHNOLOGY STUDENT ASSOCIATION AND EVENTS ★
DIVISION 6

Superintendents: Marion Lambright • Anthony Machado • Tom Cummings • Georgina Mederos • Jerome Cole • Keith Zawacki
Assistant Superintendents: Ana Healy • Peter Healy • Matthew Healy
Student Assistants: Madyson Trefois

Entry Form accepted from October 1, 2022 to January 24, 2023.

Check In:	March 2, 2023, 4:00 PM to 8:00 PM in Arnold Hall.
	March 4, 2023, 10:00 AM to 4:00 PM in Arnold Hall.
Check Out:	April 13, 2023, 4:00 PM to 8:00 PM in Arnold Hall.
Group Entries:	As Indicated
Competition Date:	Saturday, April 8, 2023, 12:30 pm in Arnold Hall.

Special Note: Please be sure to check The Fair website for any updates to the rules. Teachers, it is requested that if you are bringing entries for your class that they be at the check-in area by 12:00 PM Saturday, March 4, 2023 to allow time to participate in time trails and be eligible for trophies.

This division was developed for students enrolled in Technology Education classes in the middle and high school level. Although open to all students, it is advisable that exhibitors check with a Technology Education teacher for an explanation of criteria.

The Technology Student Association Division will award an outstanding trophy for each level (middle, senior, middle exceptional and senior exceptional) based upon the following criteria:
• Each entry in this division receiving a blue ribbon will be awarded five points.
• Each entry in this division receiving a red ribbon will be awarded three points.
• Each Metric 500 car that qualifies for the double elimination race competition (based upon speed) will receive three additional points.
• Each entry in this division receiving a purple ribbon will be awarded an additional five points.

There are four levels for students to enter in the Technology Student Association Division. There will be separate awards for each level.
Level I – Middle School
Level II– High School
Level III – Exceptional Education middle school (same rules as middle school)
Level IV – Exceptional Education high school (same rules as high school)

CLASS 601 - DRAGSTER (LEVEL I) - METRIC 500
CLASS 602 - DRAGSTER DESIGN (LEVEL II) - METRIC 500
CLASS 603 - DRAGSTER (LEVEL III) - METRIC 500
CLASS 604 - DRAGSTER DESIGN (LEVEL IV) – METRIC 500

The design and construction of a CO2 powered model dragster. All qualifying exhibit cars entered in all levels take part in "The Metric 500 Qualifying Time Trials" which will take place at The Youth Fairgrounds during project check-in.

RACING DATES:
Levels I, II, III and IV – TIME TRIALS (DURING PROJECT CHECK-IN)
Level I & III Middle School Students – Race, April 8, 2023 12:30pm
Level II & IV High School Students – Race, April 8, 2023 12:30pm
Participants will be notified of the race dates via email or confirmation card via US Mail.

RACING PROCEDURES:
1. Only cars evaluated by the judges and deemed properly and safely constructed will be run.
2. Each car will run one Time Trial at check-in to determine its "qualifying time."
3. The sixteen fastest cars that meet the required specifications will advance to the double elimination race competition for the appropriate level.
4. The race results will be determined using the TSA "double elimination" sheet which can be obtained upon request.

RULES:
1. Individual entries only. No class/club entries will be accepted.
2. Only one car may be entered per student.
3. Entries form MUST attached with rubber band for removal during races. The entry number MUST be written on the bottom of the car with a marker in a contrasting color to the paint/finish of the car.
4. CO2 cartridges will be provided by The Fair.
5. All cars must have a finish (paint, stain, varnish, etc.).
6. Due to the unavailability of the official TSA Competitive Events Guides for Middle and Senior High Schools at the time of this handbooks publication, the regulations listed for the competition are not the current years TSA Competitive Guide.

REGULATIONS:

Dragsters that do not meet the following specifications/tolerances are disqualified from the race.

1. Dragster Body:

DB1- One piece, all wood construction. Any type of lamination will result in disqualification. No add-ons such as body strengtheners, fenders, plastic canopies, exhausts, or air foils may be attached to, or enclosed, within the vehicle. Fiberglass and shrink wrap are considered body strengtheners and cannot be used on car body or wheels for any reason. Decals may be used for decoration only. They may not be used to gain aerodynamic advantage, (i.e., decals cannot cover the exterior axle holes or to be used to cover open area of the body). Two or more like or unlike pieces of wood glued together are not considered one-piece, all wood construction.

	MINIMUM	MAXIMUM
DB2 - Body length	200 mm	305 mm
DB3 - Body height with wheels		75 mm
DB4 - Body mass (completed car without CO_2)		
Middle School (Level I and III)	60 g	N/A
Senior High School (Level II and IV)	40 g	N/A
DB5 - Body width at axles, front and back	35 mm	42 mm
DB6 - Body total width (including wheels)		90 mm

2. Axles/Axle Holes/Wheelbase:

	MINIMUM	MAXIMUM
A1 - Dragsters must have two axles per car, no more.		
A2 - Bottom of axle hole/bearing above bottom of car body (measured at side)	5 mm	10 mm
A3- Rear axle hole from rear of car	10 mm	100 mm
A4- Wheelbase MS (axle distance apart at farthest point)	105 mm	250mm
A4- Wheelbase HS (axle distance apart at farthest point)	105 mm	270 mm
A5 - Bearings, bushings and lubricants may be used.		
A6 - Glue may be used to secure bearing to body.		

3. Spacer Washer/Clips:

S1 - Spacer washer (Middle School)	10
S2 - Axle clips (Middle School)	4
S1 - Spacer washer (High School)	8
S2 - Axle clips (High School)	8

S3 - Silicone or any other type of glue/adhesive may not be used in place of wheel clips to hold wheels or axles in place.

4. Power Plant (CO2 Cartridge Hole):

P1- The power plant hole must be at the farthest point at the rear of the car and must be drilled parallel to the race surface to assure proper puncture of the CO_2 cartridge. A minimum of 3mm thickness around the entire power plant hole must be maintained on the dragster for safety. The inside of the power plant hole must not be painted.

P2 - Hole depth	45 mm	55 mm
P3 - Safety zones thickness	3 mm	N/A
P4 - Chamber diameter	19 mm	20 mm
P5 - Lowest point of chamber diameter to race surface (with wheels)	26mm	40mm

5. Eye Screws (Should be glued in to prevent their coming out during the race):

ES1 - Dragsters must have no more than two eye screws per car that meet tolerances. They must not make contact with the racing surface. The track string must pass through both screw eyelets, which are located on the center line of the bottom of the car. Glue may be used to reinforce the eye screws. It is the responsibility of the car designer/engineer to see the eye screw holes are tightly closed to prevent the track line from slipping out as with all adjustments, this must be done prior to event check-in.

ES2 - Inside diameter	3 mm	5 mm
ES3 - Distance apart (at farthest points)	150 mm	270 mm

6. Wheels, Middle School ONLY:

W1 - A dragster must have exactly four wheels. Each wheel must meet regulations W2 and W3. All four wheels must touch the racing surface at the same time. All wheels must roll. Wheels must be made entirely from plastic. Dimensions must be consistent for full circumference of the wheel.

W2 - Wheel Diameter	30 mm	40 mm
W3 - Wheel width (at surface contact point)	2 mm	18mm

Wheels, High School ONLY:

W1 - A dragster must have exactly four wheels. Two must meet rules W2 and W3. The other two must meet rules W4 and W5. All four wheels must touch the racing surface at the same time. All wheels must roll. Wheels must be made entirely from plastic. Dimensions must be consistent for full circumference of the wheel.

	MINIMUM	MAXIMUM
W2 - Front diameter	32 mm	37 mm
W3 - Front width (at surface contact point)	1.5 mm	5 mm
W4 - Rear diameter	35 mm	40 mm
W5 - Rear width (at surface contact point)	12 mm	18 mm

7. All contest entries will be judged according to the Research and Design Judging Sheet for the appropriate level (see judging criteria below).

8. All entries in this division will receive awards as listed below.

9. The decision of the judges will be final.

10. For further information or a sample judging sheet, refer to the National TSA Conference Competitive Events Guide or contact the Technology Education Instructional Supervisor for Miami-Dade County Public Schools at (305) 693-3030.

11. These rules are for The Youth Fair only and may not meet the TSA Competitive Event guidelines.

12. No repair or maintenance is allowed after entries have been registered. Any entry damaged during the race is evaluated by the event superintendent to determine whether or not the vehicle is allowed to race again. In the event that the vehicle is damaged by event personnel, the superintendent rules as to whether the vehicle may be repaired. Undamaged wheels that come off during the event may be replaced as determined by the superintendent. Damaged wheels may not be replaced.

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JUDGING CRITERIA:
For ribbons: design, construction, and finish of the car.

RACE TROPHIES:
There will be three trophies awarded to students at each level (a first place, second place, and third place trophy) based on the race results.

CLASS NUMBER, LEVEL AND TITLE:
Class 601 - Level I - Dragster (Middle School)
Class 602 - Level II- Dragster Design (High School)
Class 603 - Level III - Dragster (Middle School)
Class 604 - Level IV - Dragster Design (High School)

PREMIUMS AND TROPHIES:
CO2 CAR RACES:
Overall First Place (Each Level) ....Trophy
Overall Second Place (Each Level).......................................Trophy
Overall Third Place (Each Level) ....Trophy
Outstanding School (Each Level)..Trophy

Special Award ....$10.00 and Purple Ribbon/Rosette
First Place ....8.00 and Blue Ribbon
Second Place...6.00 and Red Ribbon
Third Place..4.00 and White Ribbon
Fourth Place .... Yellow Ribbon

If there are no entries meeting the quality standards for any special awards, no award will be given.

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*Students under the age of 15 must have a parent or legal guardian as joint owner of the account.

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