

School District of Manatee County



**Manatee Regional Science & Engineering Fair**

<b>August 9, 2023 8:30 am -11:00 am</b>	<b>Science and Engineering Fair (SEF) Professional Development</b> – information about forms and project resources, SEF process, and activities will prepare teachers for the implementation in the classroom.
<b>September 15, 2023 (Friday)</b>	<b>IRB/SRC Committee</b> names to Devlin – committee consists of nurse, psychologist, AP/principal, department chair, science and engineering fair advisor.
<b>September, October, November</b>	<b>Check in, Q &amp; A, Tips and Tricks</b> – join the team for scheduled Microsoft Teams sessions for support and additional training.
<b>January 17, 2025 (Friday)</b>	<b>Last day for school fairs</b>
<b>January 24, 2025 (Friday)</b>	<b>All submissions to Manatee Regional Science and Engineering Fair are due</b>
<b>January 30, 2025 (Thursday)</b>	<b>Project Review Session</b> – Southeast High School Room 9-108. All Science and Engineering Fair Advisors <b>must attend</b> this session and bring <b>ALL</b> their project forms (5 pm – 7 pm).
<b>February 5, 2025 (Wednesday)</b>	<b>Paperwork corrections</b> due to Steven Craig/Brittany Devlin at Southeast High School.
<b>February 14, 2025 (Friday)</b>	<b>Student Project Set Up (MTC)</b> – After school SEF Advisors must drop off
<b>February 15, 2025</b>	<b>Manatee Regional Science and Engineering Fair (MRSEF) at MTC</b> Judging 10:00 am – 2:00 pm / Students will attend MRSEF during judging process. Gallery of Projects – open to public viewing between 2:00 pm – 3:00 pm.
<b>February 20, 2025</b>	<b>Manatee Science and Engineering Fair Competition Awards Ceremony - MTC</b>
<b>March 25<sup>th</sup> – 27<sup>th</sup>, 2025</b>	<b>Florida State Science and Engineering Fair (SSEF)</b> – RP Funding Center, Lakeland, Florida

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***Suggested Classroom Implementation Timeline :***

<b>Topic Selection</b>	Topic selection Wizard available at: <a href="https://www.sciencebuddies.org/science-fair-projects/topic-selection-wizard/background-info">https://www.sciencebuddies.org/science-fair-projects/topic-selection-wizard/background-info</a>	<b>8/30/2024</b>
<b>Question</b>	The specific question the student will be investigating in the science fair project.	<b>9/6/2024</b>
<b>Research Plan &amp; Bibliography</b>	The Research Plan is a roadmap of the research questions that need to be answered. The Bibliography is a list of the sources that will be used to answer the research questions. <b>Source Requirement: at least 3 offline sources including one encyclopedia.</b>	<b>9/27/2024</b>
<b>Variables and Hypothesis</b>	An explanation of which factors will be changed while conducting the experiment and a hypothesis on the resulting impact of the change.	<b>10/4/2024</b>
<b>Materials and Procedures</b>	A detailed list of the materials that will be used to conduct the experiment and the detailed steps that will be followed while conduct the experiment	<b>10/11/2024</b>
<b>Conducting the Experiment</b>	There should be a minimum of two weeks here to allow the students to do multiple runs of their experiments. <b>Minimum Trials: 3 runs of experiment.</b> If students are working with plants, they should have 3 plants for each variable tested.	<b>10/12/2024 – 12/01/2024</b>
<b>Data Analysis and Graphs</b>	The analysis of the experimental data. A summary of the findings of the experiment.	<b>12/2/2024</b>
<b>Conclusions</b>	An explanation of the results of the experiment.	<b>12/6/2024</b>
<b>Final Report</b>	A report that collects all the above written assignments in one place plus a short abstract of the project.	<b>12/13/2024</b>
<b>Display Board</b>	The final project board that will be displayed at the Science and Engineering Fair.	<b>1/7/2024</b>
<b>School SEF</b>	The date the students must turn in their projects to the teacher <b>or</b> to the school science fair.	<b>1/12/2024</b> (extension to 1/17/2024 by request)
<b>MRSEF</b>	Judging for all projects at Manatee Technical College	<b>2/15/2025</b>