

SCIENCE FAIR 2020

Vintage Annual Science Fair

Important Dates:

February 26/27	Science Fair Kick-Off (Science Fair Video during Student of the Month Assemblies) Parents will receive proposals during parent conferences the week of March 2nd!
April 1	Science Fair <u>Proposals</u> Due
May 18	Science Fair <u>Projects</u> Due to the <u>classroom</u>
June 1,2,3,4	Finalists <u>present</u> to Science Fair Judges
June 5	Science Fair Displayed / NASA Night Awards
June 8 (Tentative)	Assembly to award the winners (K-4th)
June 9 (Tentative)	Assembly to award the winners (5th)

Fill out the attached proposal form and return it to your teacher by April 1, 2020.

Once your proposal has been approved, you will receive the specific criteria and evaluation rubrics for the category you have selected. Please go vintagemagnet.net to see the detailed rubrics of different categories.

RULES FOR THE SCIENCE FAIR

A Science Fair project must be a STUDENT project appropriate for the student's level of understanding and ability. While parents may help when necessary, the majority of the project must be completed and understood by the student. Adult help is limited to giving advice in preparing the display, assisting in conducting research, or handling equipment. Adult help must be included as a reference.

NO live or dead animals or moldy objects that contain bacteria may be displayed. Any work with animals or human subjects must be safe for the subjects and of a HUMANE and ethical nature. Animal dissection projects are not allowed at Vintage Magnet School Science Fair. NO dangerous or poisonous chemicals, explosives, or exposed electrical wires carrying a high voltage current may be displayed.

No written paragraphs downloaded from the Internet and pasted onto your display or report are allowed. Photos downloaded from the internet are permissible, but the source must be cited. All experiments done by students in Grade 3 and above must be repeated three times or more. All references and sources used must be cited.

Students must demonstrate an understanding of the scientific concepts that they have investigated in their research.

- All projects will be evaluated against the criteria and rubrics given. All projects receiving an Overall Score of 4 with 3 or higher in every subsection will enter into the Science Fair.
- Plagiarism will result in disqualification from the Science Fair and will affect the project's grade.

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Please read carefully

- Top Science Fair projects will be displayed in classrooms on a special NASA I STEM Night on June 1st.
- Science Fair participation is mandatory for students in grades 3, 4, and 5 and optional for grades K, 1, and 2. But classrooms may submit a group project.
- Keep in mind that the students have only 6 weeks to complete the projects.
- There are four different Science Fair categories, each with specific requirements.

Category	Description	Display Requirements
Experiment	<ul style="list-style-type: none">• Begins with a testable question or a purpose and follows the experimental process.	<ul style="list-style-type: none">• Must be accompanied by a tri-fold display board.• Should also have the objects and materials used in the experiment on display.
Working Model	<ul style="list-style-type: none">• Begins with a purpose.• Clearly shows the parts or components of something, or demonstrates how something works.	<ul style="list-style-type: none">• Must be accompanied by a tri-fold that explains the model in detail and the process of building and designing it, and a tri-fold display board.
Invention	<ul style="list-style-type: none">• Begins with a purpose to invent a new object or to make improvements on something that already exists.	<ul style="list-style-type: none">• The invention must be built. Detailed design diagrams must be drawn and clearly labeled.• Must be accompanied by Scientific Notes that explain the invention in detail and the process of building and designing it, and a tri-fold display board.
Research Report	<ul style="list-style-type: none">• Begins with a scientific purpose for conducting research on a topic of interest.	<ul style="list-style-type: none">• Written Report must be presented in a report folder.• Must use a minimum of three resources.• May be accompanied by a model, if desired.

All information is available online at VintageMagnet.net