

Science Fair 2021

The Science Fair will be held on April 29, 2021. We are late this year due to the situation that seems to disrupt everything we do this school year.

Students K-2:

Students in grades K-2 are not required to complete an individual project, but are more than welcome to create a Science Fair Presentation. The teachers in grades K-2 may decide to do a class project, at the teacher's discretion. Class projects may include a display of pictures of experiments or models done in class, or any other materials to reflect any area of science studied in class during the school year.

Students 3-8:

Students in grades 3-8 are required to do an individual science project. Students must use the steps of the Scientific Method, listed below. Students will: formulate a question, develop a question and hypothesis, then test their hypothesis, and finally present their results to their class.

Below are some clarifying guidelines for conducting an experiment using the Scientific Method:

- 1) Ask a question
- 2) Conduct background research
- 3) Construct a hypothesis
- 4) Test the hypothesis through experimentation
- 5) Analyze the data (collected during experiment), draw a conclusion

6) Present the results

Timeline Information:

Below is a suggested timeline that some teachers may use to take grades. These checkpoints are used to encourage consistent advancement on the Science Fair project.

February 10: Topic Due (with your Entry Form)

Students turn in entry forms to your teacher.

February 24: Question and Hypothesis Due

Example:

Question: Does the height a ball is dropped affect the number of bounces?

Hypothesis: The higher the ball is dropped, the more bounces a ball will have

March 8: Procedure Due

The procedure is the method you are going to use to test your hypothesis.

Example:

Step 1: Gather materials: ball, meter stick, tape

Step 2: Set up meter stick using tape

Step 3: Drop ball from 50 cm and count number of bounces

Step 4: Record results

Step 5: repeat steps 3 and 4 at 60 cm, 70 cm, 80 cm, 90 cm, and 100 cm

March: Perform the experiment. This should be done a minimum of 3 times in order to obtain more accurate results.

March : Summarize results

Results and conclusions from March's experiments. Results can be in graph (bar, pie, etc.) or table formula.

Example:

Drop Height	Number of Bounces
60 cm	10
70 cm	15
80 cm	20
90 cm	25
100 cm	30

April 26: Finalize Display Boards

April 29: Science Fair