

# Science Expo Options

**1. Traditional Science Fair** - Design and conduct a scientific investigation. Research the important concepts relating to your experiment. Create a display explaining your experiment.

**Required: Display Board**

\* **2. Scientific Collection** - Identify and mount 15 -20 specimens from a group of related-living or non-living natural things (insects, tree twigs, animal tracks, rocks/minerals, etc.). Original photographs of specimens may be used in place of actual specimens. You must have a strong understanding of each specimen. Certain guidelines will be placed depending upon your specimen choice.

**Required: Display Board**

\* **3. Scientific Illustration** - Create a **portfolio** of drawings that illustrate a concept in science. Some examples include flower parts, animal anatomy, ecological zones, insects, etc. You must have a strong understanding of each picture with a descriptive paragraph for each main part. Certain guidelines will be placed upon your choices.

**Required: Project Portfolio**

**4. Make a Scientific Instrument** - Research, construct, and demonstrate the use of a scientific instrument (such as a telescope, microscope, barometer, etc.). Include a research paper in a project portfolio describing the history of the instrument and how the instrument works.

**Required: Supplies for instrument to make it work and Project Portfolio**

\* **5. Photostory**- Create a 5-10 minute Photostory on a scientific topic of your choosing. You will be required to write a script and record directly to the presentation. A strong understanding of the topic is required.

**Required: Microsoft Photostory and Jump Drive**

\* **6. Glogster** – Create a Glogster (digital poster) on a scientific topic or concept of your choosing. You will be required to use a graphic organizer to plan and design your poster. A strong understand of the topic is required.

**Required: Glogster Account (free), Jump Drive and Full-time access to a computer**

\***7. Website** - Create an eight page website on any scientific topic or concept using Google website software. You will be required to use a graphic organizer to plan your pages.

**Required: Google Sites, Jump Drive, and Full-time access to a computer**

**\* No partners on these options**

**\*\*All options require a bibliography page in MLA format.**