



## Swift Creek Elementary Science Fair Thursday, January 10, 2019

**The Science Fair is OPTIONAL for 3<sup>rd</sup>, 4<sup>th</sup> and 5<sup>th</sup> graders.** Students may work on a science fair project **with one to three partners.** **Two types of projects can be submitted: An Experimental Project (see Experimental Project Form for more info) or a Demonstration (described below).** **All Science Fair forms can be found and downloaded at (<http://swiftcreekescwpcssnetptahtml.weebly.com/science-fair.html>).**

### **Schedule for Thursday, January 10, 2019**

<b>Project Check-In</b>	<b>8:00-9:15 am (in Cafeteria)</b>
<b>Judging</b>	<b>9:45-11:30 am</b>
<b>Public Viewing</b>	<b>6:30-7:30 pm</b>

### **BEFORE you begin your Demonstration Project you need to figure out:**

- Your demonstration project idea and title
- Why you were interested in that idea?
- How are you going to build/display your demonstration?
- What did you learn from your demonstration project?

### **AFTER you Research and Build your Demonstration Project:**

Communicate your results: A **display board** (available for purchase at Cougar counter, Target, or Walmart) that describes **all** the items in the **BEFORE** category is **easiest for the judges to read.** A **short written document is also ok.**

### **Great Websites for project ideas:**

<http://www.sciencebuddies.org/>  
<http://www.education.com/science-fair/>

### **A Great Web Resource on Science Fair Projects:**

<http://school.discoveryeducation.com/sciencefaircentral>

If you want to participate in the Science Fair, please turn in **the one page Swift Creek Science Fair Registration form** to your teacher by **Tuesday, January 8, 2019.** **Teachers,** please put the completed forms in the Science Fair Box in the mailroom.

From each grade level up to three First Places, three Second Places, four Third Places, and as many as five Honorable Mentions will be awarded medals.

If you have any questions you may contact the **Science Fair Coordinator Jennifer Miller** by e-mail [jcmille4@gmail.com](mailto:jcmille4@gmail.com)

### **Project Display Rules:**

- Parents are encouraged to be involved in the selection of their student's project and to aid in the understanding of the scientific concepts. This does not mean that parents should do the research or assemble the project.
- The following are **not** allowed in the Science Fair: experiments that subject animals to discomfort, pain, death, or insufficient diet; syringes; potentially dangerous chemicals (toxic, flammable, caustic, or explosive); ionizing radiation (radioactive materials); and high voltage equipment. Direct current (DC battery), rather than alternating current (from an outlet), is recommended for models.
- **Elementary school projects involving the culturing of microorganisms are NOT ALLOWED**, with the exception of the following:
  - Experiments using Baker's/Brewer's yeast (bread yeast)
  - Experiments using lactobacillus or probiotic cultures (yogurt, buttermilk, or commercially available probiotic supplements)
- Microorganisms include, but are not limited to: bacteria, fungi (including molds), yeasts, viruses, viroids, prions, and parasites.
- These rules do not apply to projects involving composting or decomposition of foods as long as no samples are cultured and as long as all projects in these categories are terminated at the first visible signs of microbial growth.
- NO live or preserved animals may be brought to the Science Fair. No gas or running water will be available.
- **Displays are restricted to a space of 122 cm (48 in) wide, 61 cm (24 in) deep (front to back) and 198 cm (78 inches) high from the tabletop or 274 cm (108 inches) high from the floor.**

### **Judging Guidelines:**

- **Creative Ability**- Originality of thought
- **Skill**- Careful workmanship and good organization
- **Thoroughness**- Complete explanation of scientific principle
- **Clarity and Presentation**- The manner in which the project is displayed is neat, organized, and clearly displayed. It is not necessary for any part of your project to be typed

### **The judges will base their scoring on what they believe the student actually accomplished.**

The judges are volunteers from the community and are taking time off from their work. Most or all are involved professionally in science and understand the underlying principles and work involved in each project. They must review a large number of projects in a short period of time. Please appreciate the time that they donate and respect their final decisions.