## Science Fair Group Project

**Grade Level: 5**

### Objectives

Students will be able to:
- Design a science fair project with their group members.
- Use Mulaboration to communicate with each other and store their research, journal entries, and discussions.

### Materials

- Mulaboration access
- Other materials needed are going to depend on the project that each group chooses.

### Procedures

- First the teacher must decide whether to allow the students to pick their own group members or to assign them in advance.
- If the teacher is going to let the students pick their own group members then go straight to introducing the project.
- If the teacher is going to assign the group members in advance then announce the groups and have the students meet in their groups.
- Explain to the students that they are going to be designing their own science fair projects.
- The students need to decide as a group what topic they are going to use and how they are going to investigate it.
- The students will need to do investigations, record data on Mulaboration, and show their results through charts, graphs, written summaries, and a verbal presentation.
- The students will have two weeks to complete their projects before presenting them to the class and entering them in the Science Fair.

### Standards

- **Science 5.1 The Nature of Science and Technology:**
  Students work collaboratively to carry out investigations. They observe and make accurate measurements, increase their use of tools and instruments, record data in journals, and communicate results through chart, graph, written, and verbal forms. Students repeat investigations, explain inconsistencies, and design projects.
- **Science 5.2 Scientific Thinking:**
  Students use a variety of skills and techniques when attempting to answer questions and solve problems. Students describe their
observations accurately and clearly using numbers, words, and sketches, and are able to communicate their thinking to others. They compare, contrast, explain, and justify both information and numerical functions.