Webmastering and Multimedia
Student Project Idea List

Grades 11-12

Here's a list of multimedia projects for students in grades 11-12. Please note that we will add to this list as we get suggestions from multimedia educators and students.

Guidelines

Each presentation must include an interactive guide to the topic chosen and contain an annotated bibliography of resources, print and online, and video when available. Create a rubric to evaluate the elements of design before you get started. Or adapt one provided by your teacher.

Panel of Judges

Students will use peer judging and mentoring to choose the best presentations to showcase in the interactive library, with additional links to and from participating schools.

Technology Room

When was it invented? By whom? What obstacles were overcome to make it available? What problem did it address?

Extra credit given to students who make working models of the invention they research and photograph the steps in the process

- the fan
- the icebox
- the airconditioner
- water mill
- wind mill
- hot water heater
- obscura camara
- the sewing maching
- the washing machine
- the flush toilet
- the dishwasher
- the vaccumm cleaner
- the pencil
- the computer
- the turing machine
- the telegraph
- the piano
- the guitar

Art and Music Room

- how to make a quilt
- how to knit a hat
- how to make felt
- the musical scale

Science and Nature Room

- illustrated geography terminology
- bioregional presentation of the landscape, watershed and wildlife in your area
- Fibonacci in nature
- types of soil
- animal migration and behavior (pick an animal, no predation scenes)
- venn diagram comparing animal cell to plant cell. Also compare and consider how energy is used in the home.
- water usage across cultures
- when to prune trees
- grow herbs on your patio
- what grows where you live? (produce a photojournal of your visit to a local farm)

- a clickable drag and drop pH scale of fruits, vegetables and common household items, like vinegar, coffee etc. (don't use brand names in your illustrations)

Participating students and educators are welcome to add suggestions to this list. Email your suggestions to sherry_hammons@onebranch.org.