



Design Tool 4.2: Planning Considerations

Directions for teachers: Use this tool to help you in planning your STEM project.

Project Planning Considerations

- 1 What students will I be teaching during this project?
- 2 What science and math content will my students apply during their project?
- 3 How can I best lead this STEM project?
- 4 How will my students organize and manage their work?
- 5 What challenge or problem will my students address?
- 6 What prior knowledge and know-how will my students need to do the work?
- 7 What criteria and constraints will my STEM project include?
- 8 How will I involve students in regular collaboration and teamwork?
- 9 What interpersonal (life) and leadership skills will this project address?
- 10 What technology will be necessary for solving the challenge?
- 11 How will I provide helpful assessment and feedback?