



Lesson Plan Title

Names of group members

Summary

Please provide a brief summary of your lesson, including its broader context within the curriculum. What will students be doing? What questions or subjects will students be exploring? What datasets (if applicable) will they be using? What skills will they be developing?

*[TAGS: Please include a short list (**no more than three**) of general keywords or tags to help organize lessons.]*

Audience

- What is the intended grade level for this lesson?
- How can it be adapted for younger/older students?

Time Requirement

- How long will the lesson take to complete?

Key Concepts

- List the major concepts addressed in your lesson

Objectives

Include clear, measurable statements of what students will be able to do, such as:

- Ask questions and construct explanations
- Define problems and design solutions
- Develop and use models
- Plan and carry out investigations
- Analyze and interpret data
- Use mathematics and computational thinking
- Engage in argument from evidence
- Obtain, evaluate, and communicate information

Background

- What background concepts will your students need to know in order to be successful?
- Are there any resources that teachers can use to provide this background info?
- Are there any common misconceptions that students may have when approaching this subject material?

Teacher Resources

- Include any files, documents, or resources that educators would need to teach the lesson, such as:
 - Answer keys
 - Background information
 - Overview/intro presentation

Student Resources

- Include any files, documents, or resources that student would need to complete the lesson, such as:
 - Student webquest
 - Student instruction sheet
 - Student worksheets
 - Data/graphing tutorials

Additional Materials

- Include any additional materials needed to complete the lesson

Suggested Procedure

1. Include the step-by-step procedure for completing the lesson

Assessment

- **Formative assessments**—used to identify areas where students are struggling so that instructors can adjust their teaching and students can adjust their studying.
- **Summative assessments**—occur at the end of an instructional unit or course and measure the extent to which students have achieved the desired learning outcomes.
- Assessment rubrics that you would use in the classroom are also helpful

Extensions or adaptations

List any adaptations to the lesson that will make it more accessible to a wider audience, or any extensions that will move the lesson beyond initial understanding or experience.

Additional Resources

Please list any websites, books, publications, or other resources that would be helpful for teachers or students preparing for this lesson.