Designing a Citizen Science Project

Where in the curriculum does it make sense for students to conduct research?

What are the standards/curriculum targets you need to reach?

What citizen science projects are available that fit into the curriculum at this point? Verify that these projects are ones you are able to conduct in your local community.

Choose your top 3 projects. Look at the standards/curriculum targets again. Which project best aligns with these standards?

What is the task and what type of data are students collecting?

Approximately how much time would students need to complete this task?

What equipment/ materials are needed to collect the data?

Are there any skills or background knowledge students would need to know prior to conducting their research to be successful?

Is it feasible for students to complete this project given the above responses? If your response to this question is a yes, proceed to the timeline portion of the worksheet. If the answer is no, repeat the evaluation process.

Project Timeline

Dates for the unit of study:

Stage	Description	Date

Lesson & Activity Plans

Lesson #_____ Date_____	
Objective	
Materials	
Introduction	
Lesson Activity	
Assessment & Closing	
Follow-up	
Differentiation	

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