

Day 10: Finalize your project

**Objective:** You will present work to an authentic audience (newspaper readers, city council, community members, etc.)

**Rationale:** Establishing an authentic audience for your work allows you to see the real-world purpose for their work. You should synthesize all their research, supporting evidence, and final proposal

**Goal:** Present student work to an authentic audience so students can recognize the real value of their work and how it connects to the community. The authentic audience will benefit by recognizing the school’s role in guiding the community as well.

**Key Terms:** authentic audience

**Materials & Resources:**

**Social Studies** **\*\*Create worksheet guide to writing this letter (tips, structure guide, etc.)**

**ELA:** [Stage 5 of the Writing Process](#); [Public Speaking and Presentations](#)

**Math:** [Transformations](#)

**Science:** Poster board, markers, pencil, etc

**ACTIVITIES:**

**Social Studies**

*Presenting student work to an **authentic audience**\* creates a meaningful real-life experience for students. They recognize the value of their work and how it fits into the real work being done in our communities.*

- **Write** a letter to your state or local legislator, or school board, etc to urge them to take action on your proposal. Provide facts to support your idea. Find two quality news articles that address various sides to the issue/problem and possible solutions. Use persuasive debate strategies including strong counter arguments. Use the following questions and guidelines to thoroughly draft your letter:
  - What is the problem, issue, or policy you are working on?
  - Summarize your proposed solution.
  - What problems did you encounter? Explain.
  - What are you proud of, as it pertains to your project?
  - What is the purpose of your action? What do you hope to achieve? Why?
  - Attach any evidence of your own action. (Copies of emails, correspondence, phone log, pictures of you at meetings or events, etc.)
  - What did you learn about your particular issue?
  - What impact did you make? (This could be large or small.)

- Do you feel like you have “succeeded” in your mission? Why or why not? Do you think you’ll continue working on this issue after the project?
- What recommendation would you make to the next person who chooses to work on this issue?

## ELA

- **Prepare** a 2 minute speech that would be appropriate for a news broadcast serving to interview you, showcasing your work leading this project in your community.

## Math

*Imagine you are the project manager for this green space in your community. When the student group presents their final design, you realize they placed a park bench and a sandbox in the wrong spot of the green space.*

- Use a transformation graph to demonstrate **rotation, reflection, and translation** of these two shapes.
- **Draw** the two shapes on a plot that demonstrates your green space. (Use two different shapes. The bench is a rectangle and the sandbox is a triangle.)
- **Explain** how you used a transformation graph to precisely move two objects within your green space.
- **Prove** How else could you use graphs in your green space design project?

## Science

- **Design** a poster that clearly demonstrates the health benefits of your project; in this case, the green space / park. Your poster should have an attention-grabber, an illustration, 3-5 research-based health benefits of the project, etc.
- On a separate sheet of paper, **describe** some of the emotions that you went through while completing this project about Green Spaces and why you felt that way. (ie: happiness, worry, doubt, delightment, frustration.)
- **Make connections** between the Scientific Method and your project. The Scientific Method requires us to (1) Ask a question, (2) Do background research, (3) Construct a hypothesis, (4) Test your hypothesis by doing an experiment, (5) Analyze your data and draw a conclusion, (6) Communicate your results.
  - **Evaluate** how your project may have followed the guidance of the scientific method. Provide examples where applicable.