

Day 9: Look for and express regularity in repeated reasoning

Objective: You will maintain oversight of the process while attending to details.

Rationale: A healthy and thorough understanding of a problem allows us to keep an eye on the big picture while working out the details of the problem.

Goal: After revising and editing the details of your problem and solution, we want to re-examine the larger picture to assess our progress toward our original goal.

Key Terms: pandemic, social justice

Materials & Resources:

Social Studies: [In a Pandemic, the Parks Are Keeping Us Alive](#)

ELA: ["A Narrow Fellow in the Grass"](#); ["I Wandered Lonely as a Cloud"](#)

Science: [Community Assistance](#) (This information would be based on where the student lives.)

ACTIVITIES:

Social Studies

- **Examine** health equity as a social justice issue -- "Environmental Justice"
- **Read** [In a Pandemic, the Parks Are Keeping Us Alive](#)
- **Define** **pandemic*** and **social justice***
- **Summarize** In 1-2 sentences (each) summarize each section from the article: **Accessibility, Funding, Space.**
- **Make connections**
 - Now that we've looked at the details of the problem, let's recall the bigger picture of the problem. **Explain** how access to green spaces (or lack thereof) has become a social justice issue. How would you make your community green space more accessible to all people?

ELA

- **Analyze** how writers use poetry to express emotion about nature and their surroundings:
 - Emily Dickinson poem ["A Narrow Fellow in the Grass"](#) (an unnamed object in nature)
 - **Identify** Dickinson's unnamed object in nature.
 - **Imitate** her rhyme pattern for an object in nature of your own choosing **and/or**
 - William Wordsworth's [I Wandered Lonely as a Cloud](#) (stanza 1)
 - **Replace** lines (3-6) (what Wordsworth describes using imagery) with your own choice descriptive imagery of a scene in nature. (Perhaps consider describing something from your community solution.
 - **Create** mood by choosing vivid words that reflect an emotion, such as joy, peace, or appreciation.

MATH

- *Inversely proportional quantities change in inverse ways. This means that if one of the quantities doubles, then the other will become half as large.*
- **Determine** how long it will take the construction crew to set up a playground, 4 park benches, and a bike rack at the park.
 - With a work crew of 3 people, it will take 16 hours to assemble the playground, 3.5 hours to assemble and install the park benches, and 2 hours to assemble the bike rack.
 - If working at the same rate, how long would it take for 7 people to complete these 3 tasks?
 - If each worker is making \$9.25/hour, is it more cost effective to pay 3 workers for 16 hours or 7 workers for the amount of time it will take them to complete the same tasks?
 - Which work crew would you choose (3 people or 7 people) and how much money would you save by making the right decision?

Science

- **List** county and community resources, then reach out to let them know of your project. These services may be able to provide you with additional resources and may also want to provide their services. **Resources like: Cambria County Dept. of Human Services, Cambria County Behavioral Health, and Community Action Partnership.**

Sample Telephone Conversation:

Hello, my name is _____, and I am a student at __ (school) __. I am taking part in a project that involves creating a green space within our community. We are in the final steps of the process, in regards to approval. I am reaching out to you for support of the green space we will be building, via your usage of the space. Also, my fellow students and I would love to see someone from your company present when we present the new space to the community. Do we have your support?

(If yes, get a contact name and phone number and let them know you will be in touch when you receive a final decision from the city, and you will keep them updated along the way. If no, thank them for their time, provide a closing salutation.)

Tips:

- You do not need to tell what school you are with if you are not comfortable.
- Contact 3-5 community resources.
- You do not have to convince anyone to be a part of your celebration
- Make sure you get a good contact person and phone number for future reference.