

Science Resources Project

Assigned: Wednesday, November 8, 2023, Due: Wednesday, November 30, 2023

In 4th grade, students are diving into the world of natural resources. They're exploring how our planet's precious gifts, like water, soil, minerals, and energy, impact our lives and the environment, all while discovering ways to protect and conserve these valuable assets for the future.

Objective:

To research and present information about a specific natural resource, its significance, impact on the planet, and technological advancements in its usage.

Materials Needed:

Research materials (books, websites, and articles)
Note cards or a digital presentation (PowerPoint or Google Slides)
Visual aids (poster, collage, diorama, 3-D model)
Information sources for citation

Steps: Choose a Resource:

Select one of the following (1-20) natural resources from the provided list on current topics about resources.

Research:

- a. Find information about your chosen resource, including its properties, where it is found, and its historical and present uses.
- b. Discover how modern technology has changed the way we use this resource.
- c. Identify any innovators or inventions that have improved efficiency or expanded the use of this resource.
- d. Determine if the resource is primarily used in specific regions or worldwide.
- e. Investigate the costs associated with using or maintaining this resource, comparing its cost-effectiveness with other resources.
- f. Explore the environmental impact of using this resource, both positive and negative.
- g. Find any interesting facts, statistics, or recent news related to your resource.

Create a Visual:

Using your research, design a visual aid that complements your presentation. You can choose to create a poster, collage, or a 3-D model related to your resource. Make sure your visual includes important information and is visually appealing.

Prepare Your Presentation:

- a. Organize your research findings into a engaging presentation.
- b. Create note cards if you plan to deliver a speech.
- c. If using technology, develop a PowerPoint or Google Slides presentation.
- d. Consider using images and diagrams to enhance your presentation.

Assessment:

Your project will be evaluated based on the content, clarity, visual aids, and your presentation skills.

Have fun and be proud of your research!

Good luck!