

Objective

By the end of this lesson, you will be able to understand the Periodic table of elements and its significance in the field of science.

Materials and Prep

- Internet access
- Computer or tablet
- Pen and paper

No prior knowledge is required for this lesson.

Activities

1. Start by researching and exploring the Periodic table of elements online. Look for interactive websites or videos that explain the layout and organization of the table.
2. Take notes while learning about the different elements and their symbols. Write down any interesting facts or observations that catch your attention.
3. Create your own mini version of the Periodic table of elements. Use a blank piece of paper and draw a grid similar to the real table. Fill in the symbols and atomic numbers of at least 10 elements that you find most fascinating.
4. Share your mini Periodic table with a family member or friend. Explain why you chose those specific elements and what you find interesting about them.

Third Grade Talking Points

- "The Periodic table is like a special chart that scientists use to organize all the different elements."
- "Each element has its own unique symbol, like H for Hydrogen and O for Oxygen."
- "The numbers on the table are called atomic numbers. They tell us how many protons an element has in its nucleus."
- "Elements can be solids, liquids, or gases. Some are even found in our everyday lives, like oxygen in the air we breathe."
- "Scientists study the Periodic table to learn more about how elements interact with each other and how they can be used in different ways."