

Objective

By the end of this lesson, Abbie will understand the concept of inventions, explore famous inventors, and create her own invention idea. She will learn about the importance of creativity and problem-solving in the invention process.

Materials and Prep

- Paper
- Pencil or pen
- Colored markers or crayons (optional)
- Access to a comfortable workspace

Before the lesson, think about some inventions that have changed the world. It might be helpful to have a few examples in mind to discuss with Abbie.

Activities

• Invention Exploration:

Start by discussing a few famous inventions, like the telephone, light bulb, and airplane. Ask Abbie what she thinks about these inventions and how they changed people's lives.

• Inventor Spotlight:

Choose a famous inventor, such as Thomas Edison or Alexander Graham Bell. Share some interesting facts about their lives and inventions. Abbie can draw a picture of the inventor or their invention.

• My Own Invention:

Encourage Abbie to think of a problem she would like to solve. Have her brainstorm ideas for a new invention that could help solve that problem. She can sketch her invention and write a short description of how it works.

• Presentation Time:

Ask Abbie to present her invention idea to you. She can explain what the invention is, how it works, and why it is important. This will help her practice her communication skills!

Talking Points

- "What do you think an invention is? Can you think of some examples?"
- "Why do you think inventors are important? How do they help us?"
- "Did you know that some inventions were created by accident? Can you think of any?"
- "What problems do you see around you? How could an invention help with those problems?"
- "Let's talk about one famous inventor. What do you find interesting about their story?"
- "How does creativity play a role in inventing something new?"
- "What materials do you think are important for creating an invention?"
- "Can you think of an invention that you couldn't live without? Why is it so important?"
- "How would you feel if you invented something that changed the world?"
- "Remember, every great inventor started with an idea. What will your idea be?"