

NATIONAL KID INVENTORS' DAY

LESSON PLAN

Lesson Focus and Goals :

- Understand that kids can be inventors and that invention is a process of creative problem-solving.
- Brainstorm a list of problems that they encounter in their everyday lives and come up with potential solutions to these problems.
- Reflect on their own creativity and problem-solving skills.

Materials

- "Have You Thanked a Kidventor Today?" by Patrice McLaurin (picture book)
- Pencils and paper



Warm Up Activity

- Have students brainstorm a list of things that they use every day.
- Ask students to think about who might have invented these things and how they might have come up with the idea

Activities :

- Read the picture book "Have You Thanked a Kidventor Today?" to the class, discussing the process of invention and how kids can be inventors as well.
- Have students brainstorm a list of problems that they encounter in their everyday lives.
- Encourage students to think creatively and come up with potential solutions to these problems.
- For older students, have them choose one of the problems that they brainstormed and come up with a prototype or plan for a solution. They can use pencils and paper to sketch out their idea or create a model using materials such as cardboard, clay, or recycled materials.

Assessment :

Observe students during the brainstorming activities to assess their understanding of the invention process and their ability to think creatively and solve problems.

Extensions:

- Incorporate elements of the design thinking process, such as empathy and prototyping, into the lesson.
- Have students create a class "inventors' workshop" where they can work on invention prototypes and receive feedback from their peers.
- Invite a guest author or a local inventor to learn more about the process of invention.