



LESSON PLAN

NEW TECH TOOLS

Series: Hot Tech

Objective

To help students explore how technology solves problems by imagining a new type of technology that will address a specific issue.

Supplies

- One or more books in the Hot Tech series
- Paper and pencils
- Colored pencils, pens, or markers
- Whiteboard
- Whiteboard markers

Before the Activity

Set out the art supplies for students to use. Write the following questions on the whiteboard:

- What is one problem this technology helps to solve?
- What does it do to solve the problem?

Activity

Books in the Hot Tech series highlight different types of technology. Each invention helps solve problems for people. For example, drones can be used to deliver packages. And 3D printing can create custom prosthetics. Have each student choose one book from the series to read. As students read, they should think about the two questions on the whiteboard.

Ask students to think of a problem they would like to fix. Then, they should imagine a new type of technology that could help do this. Students should draw this invention. Next to it, students should write a sentence to answer each question from the whiteboard. They should also create a name for their invention. For example, a student could draw a folder that can speak and give reminders about remembering important papers. It could be called “The Never-Forget Folder.”

Once the drawings are complete, have each student turn to a partner. They will share their drawings with one another and explain what their invention does.

Evaluation

Collect the drawings at the end of the activity. Did each student draw an invention that solved a problem? Did students write sentences answering both questions from the whiteboard?