

How Can You Help?

Cross-curricular - Week 4



This week you will be an inventor! You will design and create something that will be a solution to a problem you want to solve.

Read the article

Before

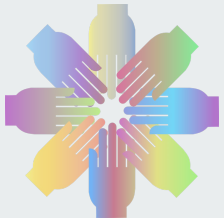
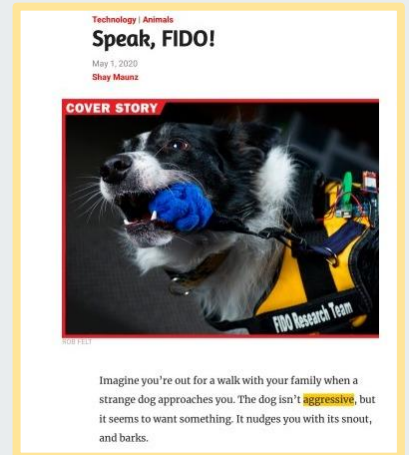
- What do you think this article is about?
- What do you think will happen?

During

- What do you think might happen next?
- How do you think the story will end?

After

- What was the problem-solving technology in the story and what did it solve? Describe it in a sentence or two.



How can you help? Identify a need in your family, friend group, or community-this could be specific to you, someone you know, or it could be a community problem. It could be an environmental issue.

Design a piece of technology that will give you the power to address that problem: maybe a super suit, a pair of boots or gloves, a technology upgrade to a pet, an upgrade to the family car?

Use the Design Process included in your package to organize your work.



DESIGN PROCESS



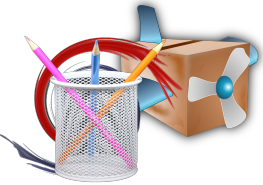
ASK



IMAGINE



PLAN



CREATE



REFLECT

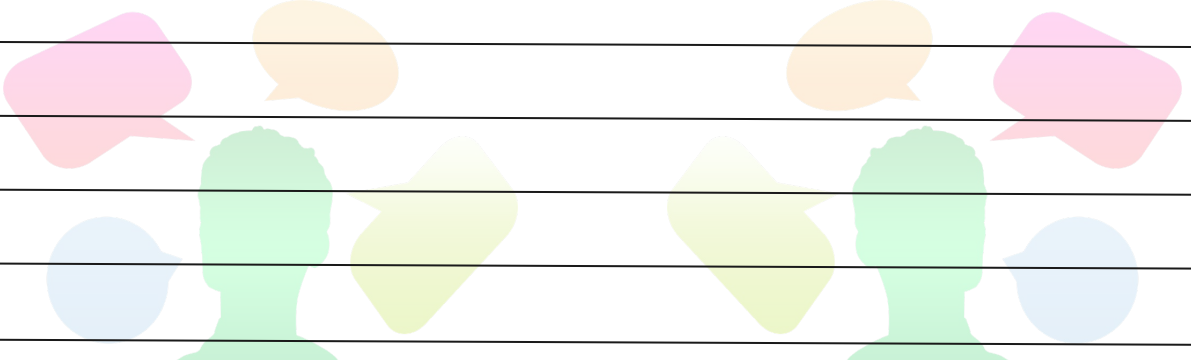


PRESENT

DESIGN PROCESS

ASK

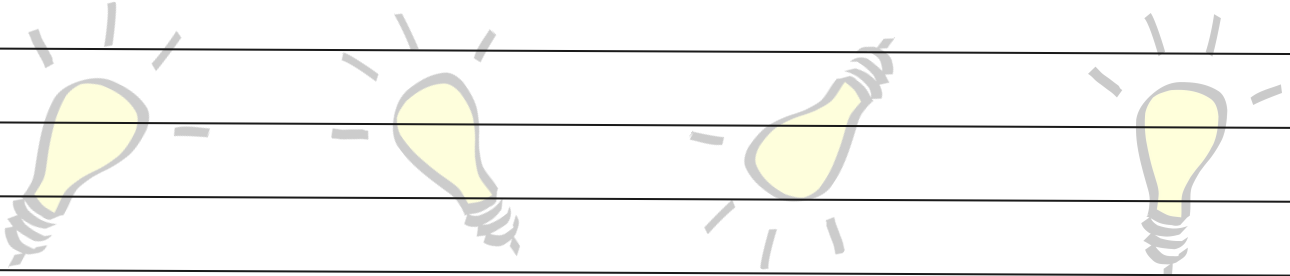
How can you help?



A dashed rectangular box containing a background of horizontal lines. In the center, there are two green silhouettes of people facing each other. Surrounding them are several colorful speech bubbles in shades of pink, orange, yellow, and blue.

IMAGINE

Brainstorm ideas for how you can help.

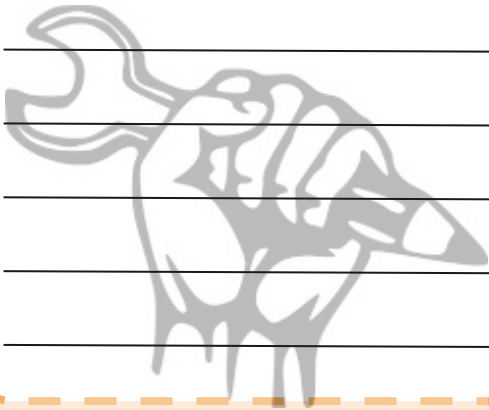


A dashed rectangular box containing a background of horizontal lines. In the center, there are four yellow lightbulbs with rays of light emanating from them, arranged in a row.

DESIGN PROCESS

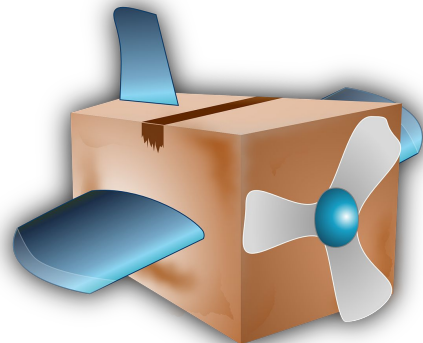
PLAN

How are you going to create your idea?



CREATE

Make your idea! (draw or make a model using things around the house)



DESIGN PROCESS

REFLECT

Reflect on your creation.

- Is there a way it can be improved? Is there a downside you did not think of before, and can you think of a fix for it?
- How did you feel making your creation?
- Were you frustrated? What did you find hard? What did you do to overcome those struggles? Are you proud of your hard work?



PRESENT

Share your creation with somebody else. You have used your creation to solve a problem, and now you are being interviewed on the news. What will you say about your invention?

