Human-Centered Design Thinking Worksheet

1. EMPATHIZE: Design something meaningful for your partner

Have a conversation with your partner to find out what they know about the topic, make personal connections, and find out what is most important to them by asking them questions.

What do the terms *food system*, *sustainable*, *production*, *consumption*, and *waste* mean to you? Where does most of the food you eat come from? How much food do you waste and why? What are some examples of irresponsible production, consumption, and disposal actions of food that you see happening in your school or community? How could you make your local food system more sustainable? Have you heard of any food systems issues happening globally? Ask them to: "tell me stories", "tell me why you feel that way", or follow up on a comment.

2. DEFINE: What is the problem your partner is trying to solve?

_____

Partner's name

needs a way to _____

What: Pick ONE <u>problem</u> that is most important to your partner that you need to solve. What are they most concerned about? What are they most passionate about?

because _____

_____

_____

Why: Explain why this problem is important to your partner. Use facts or stories from #1 to help explain.

3. IDEATE: Brainstorm & sketch solutions to solve your partner's ideas

Sketch 2-4 ideas to help solve the problem

Add lots of detail. Use words and arrows to help describe your sketches.

Share your sketches, gain feedback & redesign ONE idea

Share your sketches with your partner. Use their feedback to modify, redesign or create a new idea. Share this sketch with your group. Who has the best solution to the design challenge? Everyone needs to sketch the final idea on the Final Prototype Sketch.

Final Prototype Sketch

Please use this sketch at Skills Exploration Days – it will be the blueprint to help you build your prototype.
Don't forget to add a title for your prototype!