

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 emotions and thoughts do you feel about athletes competing at the Olympic and Paralympic games? What is your favorite sport and why? What do the terms "sport equipment", "assisted devices" and "assisted technology" mean to you? How could sports equipment or an assisted device/technology be used to improve a sport, make it safer and enable people with disabilities to play? 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 problem 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!

