

Design Challenge Title:

1. What is the design challenge? What are the requirements of the design challenge? (3 min.)




2. What requirements does the person or animal have that need to be in the design?

(i.e., Imagine you are a cat, what would make a pet carrier for you comfortable? Or, ask the person you are designing a lunch box for what they need. This step involves imagining, empathy, questioning and listening.)
What do you or your partner look for in the item you are designing? (2x 3min)

Questioning  Listening  Empathy 

3. What else might I need to know before starting? (time flexible)

(Sometimes more information is needed before designing, i.e., how big is the cat that I am designing the pet carrier for? You can find the answers in books, on a computer or by asking someone.)

Look in books  Use a computer  Ask someone 

4. Sketch your design (3 different ideas.)  (6 min.)

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5. Ask for feedback from your partner about all of your sketch ideas. (2 x 3 min.)

Questioning ?

Listening



Empathy



6. Re-design and re-sketch your best idea, based on the feedback.



(3 min.)

7. Between you and your partner (or group), choose one of your designs to make. Sketch it. (6 min.)



8. Make it! Test it! Re-design it!



9. Do a walk around where each team presents their project to the class.

10. My reflections...



