

Name:

DESIGN CHALLENGE

Read the challenge. Follow the steps and answer the questions.

Use materials to design a solution to a human problem by mimicking how plants and/or animals use their external parts to help them survive, grow, and meet their needs.

**ASK**

What is a human problem that you can try to solve with your designs? What specific plant or animal adaptations could you learn from to solve our problem?

**RESEARCH**

What other information do you need?

**PLAN**



Choose an idea. Draw a model.

What are the steps?

**CREATE**

Follow your plan. What is working?

**TEST**

Does your model work?

**IMPROVE**

What changes or adjustments might you need to make?

 **COMMUNICATE**



What were the results?

**REFLECT**

What would you do differently if you had the chance to do this project again?