

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?