



Engineering Design Process

Name: _____

Date: _____

Grade: Grade 3

Part A: Fix the Sentence

Each sentence has an error. Rewrite it correctly on the line.

1. Fix the sentence: In Grade 3, we builded a paper bridge prototype and tested it with coins.

Rewrite: _____

2. Fix the sentence: Our Grade 3 prototype was more stronger than the first design we tested.

Rewrite: _____

3. Fix the sentence: The Grade 3 team tested there prototype to see if it could hold weight.

Rewrite: _____

Part B: Fill in the Blank

Write the missing word or number on each line.

1. A first model that Grade 3 engineers build to try out an idea is called a _____.
2. In Grade 3, after building a prototype, we _____ it to see if it works.
3. Grade 3 engineers write down what happens when they test, called _____.
4. If a Grade 3 prototype fails the test, engineers can _____ the design and try again.

Part C: True or False?

Read each statement. Circle True or False.

1. In Grade 3, a prototype is the very last version of a product that goes to the store. True False
2. Grade 3 engineers can build a prototype out of simple materials like paper, tape, and straws. True False
3. In Grade 3, if a prototype fails, engineers should throw away the whole project forever. True False

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Part B: Fill in the Blank

Write the missing word or number on each line.

1. A first model that Grade 3 engineers build to try out an idea is called a prototype.
2. In Grade 3, after building a prototype, we test it to see if it works.
3. Grade 3 engineers write down what happens when they test, called results.
4. If a Grade 3 prototype fails the test, engineers can change the design and try again.

Part C: True or False?

Read each statement. Circle True or False.

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