

Grade 4 Reading Comprehension Challenge

Worksheet Set 015

Grade 4 · Reading Comprehension · Challenge

Name: _____ Date: _____

Read the passage carefully. Then answer all 8 questions using details from the text.

Building a Model Flood Barrier

On Friday, Theo joined a project at the engineering lab to slow model floodwater.

The team labeled 8 observation points so every result could be traced to its source.

They used a clear stream table and recorded the units beside each measurement.

Two students checked every entry before the group compared the results.

Their first comparison showed that a curved barrier reduced erosion near the bank.

The group kept an unexpected result in the table and repeated that measurement instead of discarding it.

Based on the evidence, Theo proposed that the team strengthen the barrier base.

The team saved its method, dates, and raw observations so another group could repeat the investigation.

Questions

Return to the passage and write a short, text-based answer for each item.

1. In "Building a Model Flood Barrier", where did Theo work on the project?

2. In "Building a Model Flood Barrier", what was the project's goal?

3. In "Building a Model Flood Barrier", how many observation points were labeled?

4. In "Building a Model Flood Barrier", which tool did the team use?

5. In "Building a Model Flood Barrier", how did the students reduce recording errors?

6. In "Building a Model Flood Barrier", what did the first comparison show?

7. In "Building a Model Flood Barrier", what next step did Theo propose?

8. In "Building a Model Flood Barrier", why did the team save its method and raw observations?

Answer Key

Each answer below is supported by a sentence in the passage.

1. engineering lab	2. slow model floodwater
3. 8	4. a clear stream table
5. two students checked every entry	6. a curved barrier reduced erosion near the bank
7. strengthen the barrier base	8. so another group could repeat the investigation