Design Information Transfer

Grade 4 Science Worksheet - Challenge Me

Name _____ Date _____

Circle the answer.

1. Drums sent messages between villages long ago. What limit did this design have?

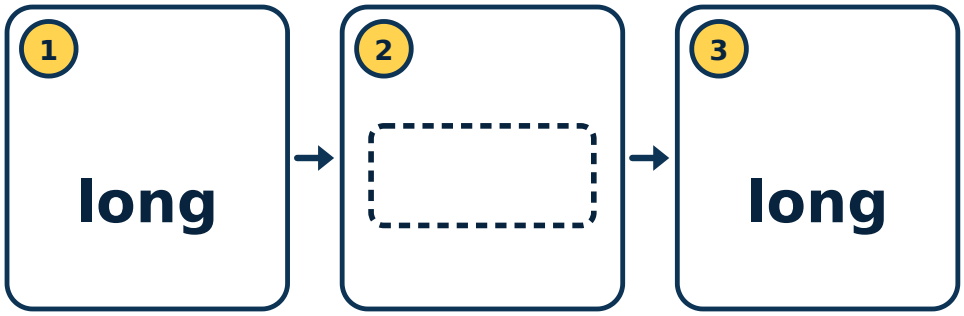
   the sound reached only as far as people could hear

   drums could only be used at night

   drums sent pictures, not words

   drums worked only underwater

2. Code: long-long = meet at the gate, long-short-long = meet at the gym. Which card is missing from the gym signal?



   pause short long nothing is missing

3. Code: 2 beeps = door open, 4 beeps = door closed. Lee hears 4 beeps. What does it mean?

   the door is closed the door is open the door is locked the alarm is broken

4. Which pair of signals would be hardest to tell apart from far away?

   a red light and a green light

   one flash and five flashes

   a light that is on and one that is off

   a red light and an orange light

5. Design A: a whistle code heard 200 m away. Design B: a flag code seen 500 m away but not at night. Campers need signals day and night up to 150 m. Which fits?

   Design A only both used together neither design Design B

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Answer Key - Grade 4 Science Worksheet - Challenge Me

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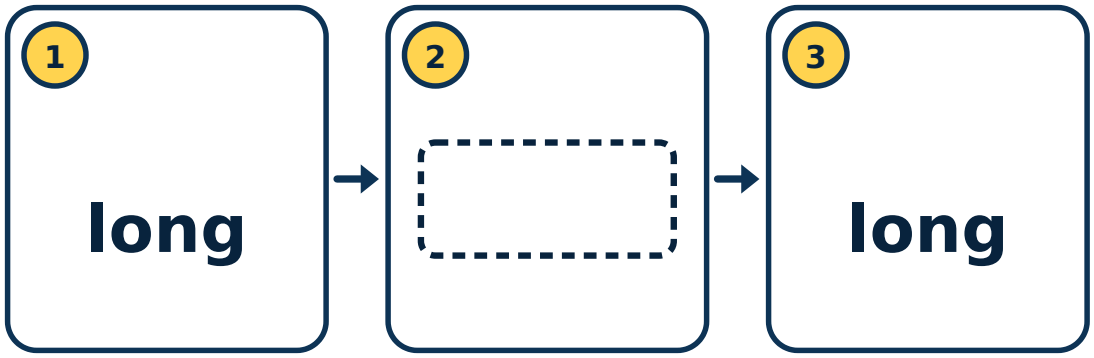
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