Design Information Transfer

Grade 4 Science Worksheet - Building Confidence

Name _____ Date _____

Circle the answer.

1. Why do sender and receiver need the same code?

   so the signal sounds louder to everyone

   so the signal travels faster through the air

   so the receiver gets the message the sender meant

2. Code: 1 flash = yes, 2 flashes = no. Jo sees 2 flashes. What is the message?

   yes wait no

3. A team's light code works in the classroom but fails outside at noon. What is the most likely reason?

   the code key changed outside

   the flashlight is hard to see in bright sunlight

   light cannot travel outside

4. Code: red light = danger, green light = safe. Which light tells boats it is safe?

   red green yellow

5. Which signal uses light to send a message?

   a bell ringing at noon

   a horn honking twice

   a lighthouse flashing a pattern

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Answer Key - Grade 4 Science Worksheet - Building Confidence

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