Design Information Transfer

Grade 4 Science Worksheet

Name _____ Date _____

Circle the answer.

1. A class tests a sound code with 10 messages. Partners decode 9 correctly, but mix up "left" and "lift" patterns. What is the best next step?

   keep the code as it is

   make the left and lift patterns more different

   remove the code key

   make all patterns the same length and sound

2. Code: 1 flash = 1, 2 flashes = 2, long flash = 5. What number is long, flash, flash?

   7 5 3 52

3. A code uses 1 flash for A, 2 flashes for B and 3 flashes for C. The receiver keeps mixing up B and C. What is the best fix?

   add a long pause after each letter

   remove the code key

   use one flash for every letter

   flash faster so it takes less time

4. Code: thumb up = yes, thumb down = no. A friend points a thumb down. What is the answer?

   later no maybe yes

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

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

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Answer Key - Grade 4 Science Worksheet

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