Design Information Transfer

Grade 4 Science Worksheet

Name _____ Date _____

Circle the answer.

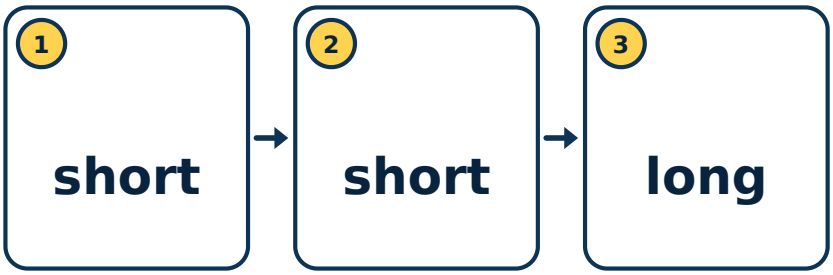
1. Code: 3 drum beats = lunch time. Mia hears 3 drum beats. What does she know?
   it is time to go home it is lunch time the drum is broken it is time for recess

2. Which pair of signals would be hardest to tell apart from far away?
   a red light and an orange light
   a light that is on and one that is off
   one flash and five flashes
   a red light and a green light

3. A class makes a sound code for a noisy gym. Which change would help most?
   send the code from another room
   use a loud whistle instead of quiet taps
   use more patterns that sound alike
   use quiet taps but make them faster

4. What makes a pattern of beeps carry a message?
   each pattern stands for an agreed meaning
   the beeps are very loud
   the beeps happen at random
   the beeps last a long time

5. Code: short-short-long = help, long-short = all clear. Look at the signal. What is the message?



come back all clear help wait here

Scan to get this marked free. No screen time for your child.
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Answer Key - Grade 4 Science Worksheet

Circle the answer.

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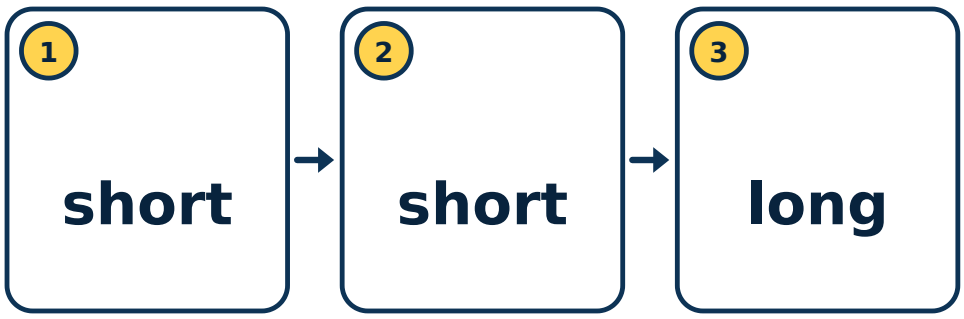
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come back all clear **help** wait here