Design Information Transfer

Grade 4 Science Worksheet

Name _____ Date _____

Circle the answer.

1. Code: 1 whistle = stop, 2 whistles = go. The coach blows 1 whistle. What should the team do?

   line up go stop run faster

2. Why is a smoke alarm a beeping sound instead of a light?

   beeps are quieter than lights

   a sleeping person can hear it with eyes closed

   lights cannot be made in a ceiling

   sound travels through walls slower than light

3. How should a team test whether their light code works?

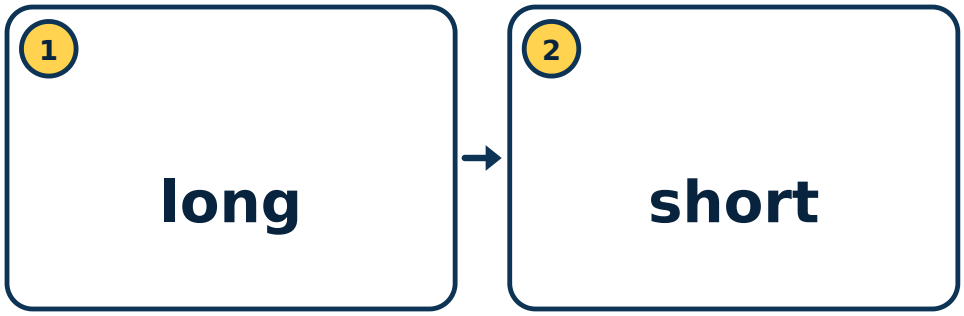
   tell the partner each message before sending it

   send messages and see if a partner decodes them without help

   check that the flashlight is bright enough

   send only one message once

4. Code: short-long = go left, long-long = go right, long-short = stop. Look at the signal. What should the robot do?



   go left go right stop go forward

5. At night, which signal could a hiker see from far away?

   a flashing light a chalk arrow on a rock a waving green flag a hand sign

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Answer Key - Grade 4 Science Worksheet

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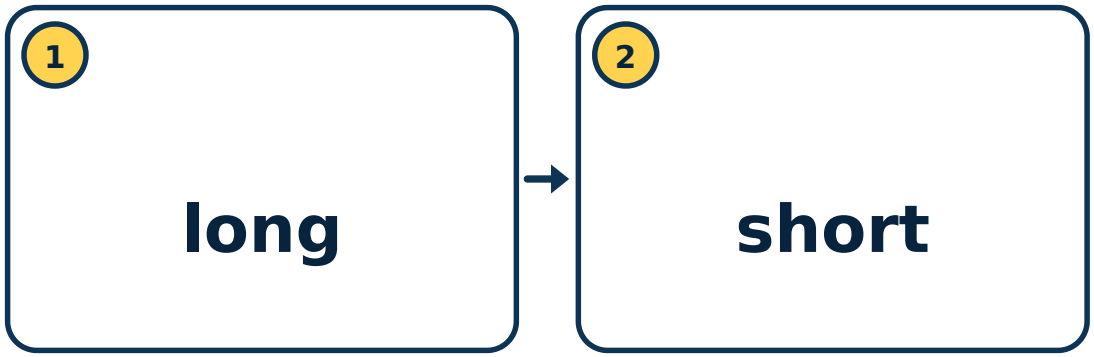
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