Design Information Transfer

Grade 4 Science Worksheet - Building Confidence

Name _____ Date _____

Circle the answer.

1. Code: short-short = north, short-long = south, long-long = east. Ben sees long-long. Which way should he go?

   south east north

2. A class makes a sound code for a noisy gym. Which change would help most?

   use a loud whistle instead of quiet taps

   use more patterns that sound alike

   use quiet taps but make them faster

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

   run faster stop go

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

   check that the flashlight is bright enough

   send messages and see if a partner decodes them without help

   tell the partner each message before sending it

5. A team wants to send a signal across a loud playground. Which signal is easiest to notice?

   a quiet whisper

   a bright flag waved up and down

   a small hand wave behind a wall

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Answer Key - Grade 4 Science Worksheet - Building Confidence

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