Design Information Transfer

Grade 4 Science Worksheet

Name _____ Date _____

Circle the answer.

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

   yes help no wait

2. Two flash patterns look almost the same. What problem could this cause?

   the receiver could mix up the messages

   the receiver could see too well

   the flashlight could break

   the messages would travel too far

3. Which signal uses light to send a message?

   a horn honking twice

   a bell ringing at noon

   a lighthouse flashing a pattern

   a drum beating fast

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

   west north east south

5. Code: 2 short = yes, 3 short = no. The receiver often confuses them. Which new code is clearer?

   2 short = yes, 2 short = no

   short = yes, long = no

   4 short = yes, 5 short = no

   3 short = yes, 3 short = no

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Answer Key - Grade 4 Science Worksheet

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