Design Information Transfer

Grade 4 Science Worksheet - Building Confidence

Name _____ Date _____

Circle the answer.

1. Code: blue flag = rain coming, yellow flag = sunny day. A sailor sees a blue flag. What should she expect?

   rain a sunny day strong wind only

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

   the receiver could mix up the messages

   the flashlight could break

   the messages would travel too far

3. Which signal uses sound to send a message?

   a fire alarm beeping a traffic light changing a flag waving

4. Why do traffic lights use both color and position (red on top)?

   putting red on top makes the lights cost less

   a driver who cannot tell colors apart can still read the signal

   the top light is always brighter than the others

5. Two scouts use mirrors to flash sunlight as signals. When will this design not work?

   on a sunny day

   when they are far apart in the open

   on a cloudy day

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Answer Key - Grade 4 Science Worksheet - Building Confidence

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