Year 6 Science: Habitats: measuring their features and who lives where

Name: _____ Date: _____

Try these without your notes first, then check the answer key.

Practice

1. Name two physical features of a habitat you could measure.

2. A plant needs full sun and dry, sandy soil. Would it grow better on a sand dune or on a forest floor?

3. Where would you expect to find moss in a school playground?

4. In Room 10's transect, how much cooler was it at 10 m than at 0 m?

5. You want to grow lettuces, which like some shade on hot summer afternoons. Where in an NZ garden could you plant them?

Fix the mistake

6. Correct this statement: "A habitat is just the home an animal sleeps in, like a nest."

7. Correct this statement: "Measuring only one spot is enough to describe a habitat."

8. Correct this statement: "In New Zealand the sunniest side of a garden is the south side."

Answer key (for parents and tutors)

1. Name two physical features of a habitat you could measure.
   Any two of: temperature, sun exposure, how damp the soil is, wind, type of ground.
2. A plant needs full sun and dry, sandy soil. Would it grow better on a sand dune or on a forest floor?
   A sand dune, which is sunny with dry, sandy soil.
3. Where would you expect to find moss in a school playground?
   In a damp, shady place, such as the shady side of a building or under a tree.
4. In Room 10's transect, how much cooler was it at 10 m than at 0 m?
   22 − 14 = 8 °C cooler.
5. You want to grow lettuces, which like some shade on hot summer afternoons. Where in an NZ garden could you plant them?
   Somewhere with sun in the morning but shade in the afternoon, such as the east side of a fence or tree.
6. Correct this statement: "A habitat is just the home an animal sleeps in, like a nest."
   A habitat is the whole place where an organism finds food, water, shelter and space.
7. Correct this statement: "Measuring only one spot is enough to describe a habitat."
   Measure at many stops along a transect, the same way each time, to see how the features change.
8. Correct this statement: "In New Zealand the sunniest side of a garden is the south side."
   We are in the southern half of the world, so the sun is in the northern sky and the north side gets the most sun.