

Stormy Skies

Name: _____
Date: _____

Unit Assessment

3ESS2.D 3ESS3.B

Multiple Choice

1. How can you tell the difference between a stratus and a stratonimbus cloud?
 - a. A stratus cloud is small and a stratonimbus cloud is very tall.
 - b. A stratonimbus cloud has a lighter color.
 - c. A stratonimbus cloud is darker than a stratus cloud, and causes rain.
 - d. A stratus cloud only covers part of the sky, and a stratonimbus cloud covers the whole sky.

2. Stratonimbus storms usually cause rain all day long because _____.
 - a. the clouds are very wide so they spend a long time over one area.
 - b. there is no wind in stratonimbus storms.
 - c. they turn into cumulus clouds.
 - d. they turn into stratus clouds.

3. Tropical climate zones are very wet and humid because _____.
 - a. the temperature is cold.
 - b. they have many types of plants.
 - c. the Earth travels in a circle around the sun they have more lakes and rivers.
 - d. sunbeams shine directly on them, causing more water evaporation and rainfall.

Short Answer

1. Where do clouds come from?

2. Imagine a rain cloud is coming towards you. Choose which kind of rain cloud it's going to be! **Draw** a picture of what you see, then describe your cloud below.

Type of rain cloud: _____

How long will this storm last? _____

3. Which climate is being described below? (temperate, polar, tropical, mild or desert) Write the answer in the blank.

- a) Animals that live here have blubber or thick fur: _____
- b) Trees lose their leaves in the autumn: _____
- c) Many animals hibernate in winter, come back out in springtime: _____
- d) It's hot in December and in June: _____
- e) Animals that live here don't pant to cool off, otherwise they would lose water: _____
- f) It's cold in December and in June: _____
- g) It doesn't rain here very much, ever: _____
- h) Winters here are nice and warm, but not hot: _____

4. Scientists have discovered a new species of dog. It has very large ears and a small mouth, and it doesn't pant with its mouth open like other dogs. What climate do you think this dog could be from? Explain.
