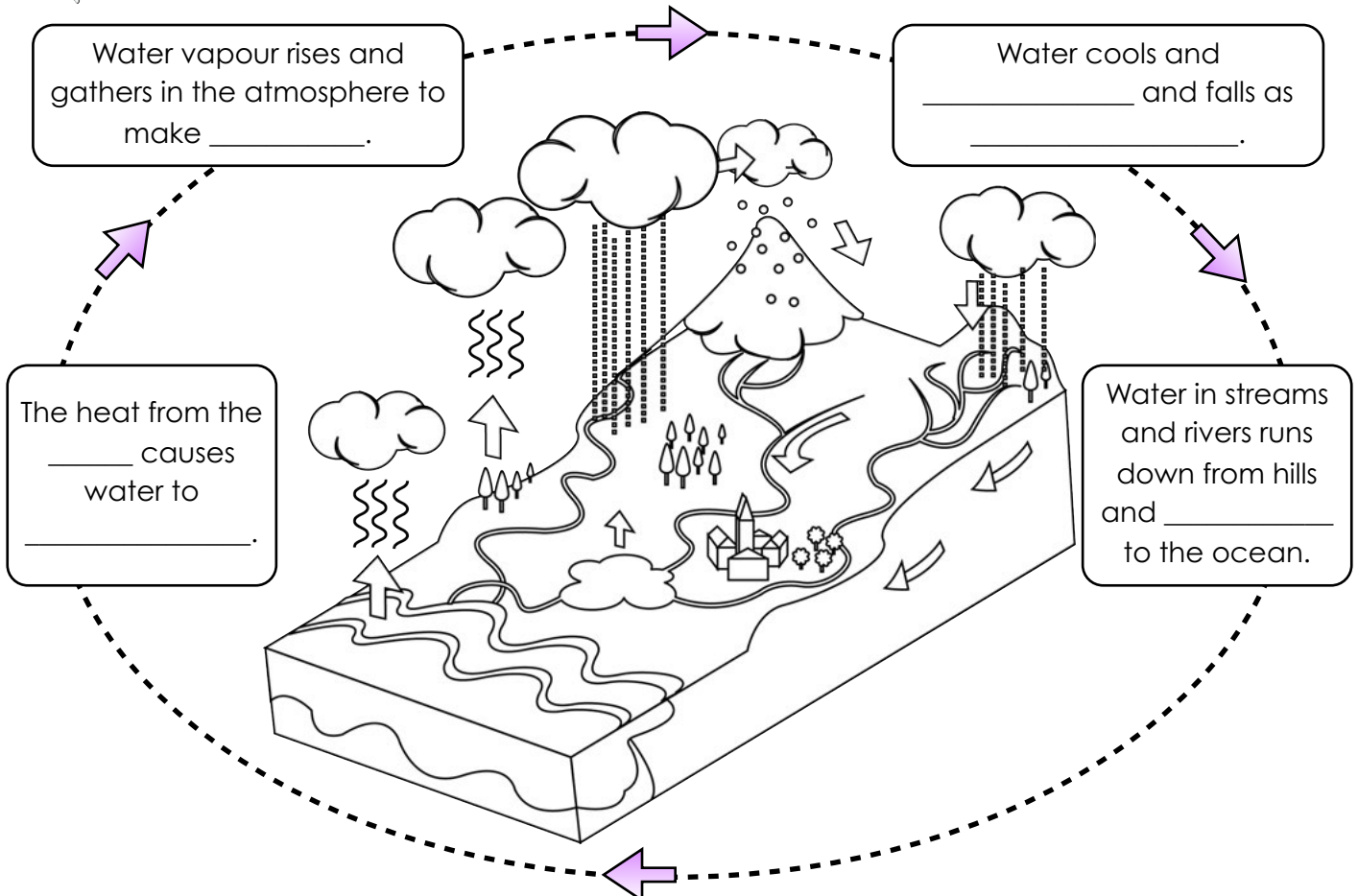


Name: _____ Date: _____



Can you complete these labels to describe how the **water cycle** works? When you have finished, colour it in and answer the questions.



mountains sun condenses clouds evaporate precipitation

1. Why do some areas get more rain than others?

2. What is a drought?

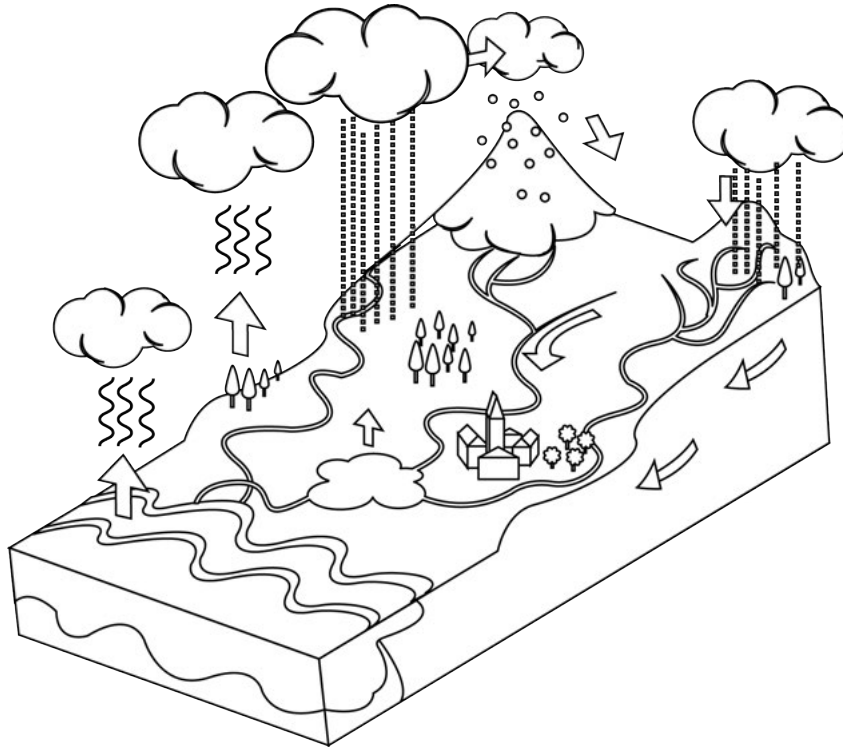
3. What are the effects of drought?

4. Why are droughts so dangerous?

Name: _____ Date: _____



Annotate this diagram to show how the **water cycle** works using the words in the box to help you, then colour it in and answer the questions.



evaporate

condense

water vapour

precipitation

transpiration

1. Why do some areas get more rain than others?

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3. What are the effects of drought?

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Draw and label a diagram to show how the **water cycle** works then colour it in and answer the questions.

The Water Cycle

1. Why do some areas get more rain than others?

2. What is a drought?

3. What are the effects of drought?

4. Why are droughts so dangerous?

Name: _____ Date: _____

Drought

What is a drought?

Why do droughts happen?

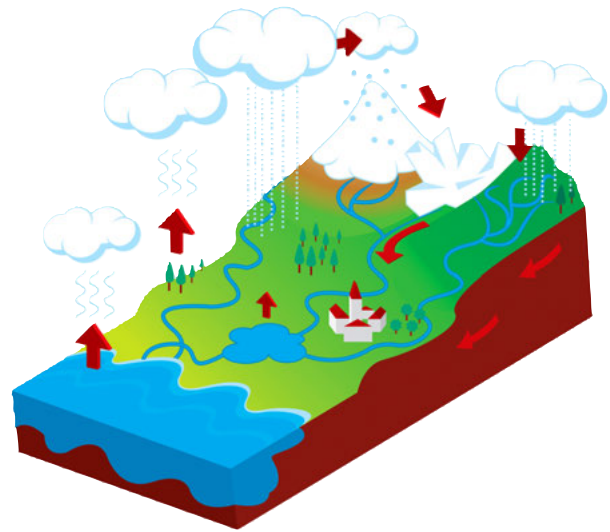
Which areas of the world are prone to drought and why?

What effects do droughts have on people?

What effects do droughts have on the environment?

Drought

Water rises from the ground and falls back down in a continuous cycle called the **water cycle**. Heat from the sun makes water **evaporate** and lift into the atmosphere as **water vapour**. This rises in the atmosphere and forms **clouds**. Water vapour is also released by plants through **transpiration**. When the water vapour cools, it **condenses** and falls back to Earth as **precipitation**.



Not all areas in the world get the same amount of precipitation. Rainfall can depend on many different factors. Areas near oceans or large lakes are more likely to get more rain than areas that are further inland. Wind patterns and other natural factors can also change how much rain an area gets.



A **drought** is a temporary water shortage that can occur when an area doesn't get as much rain as usual. Droughts can last a few weeks, months or even years. Sometimes the wind is not strong enough to carry water vapour from the coasts to the inland areas where it is needed. Droughts can also be caused or made worse by dammed rivers, poor farming practices and other human factors.

The effects of droughts can be devastating. As well as meaning that people and animals do not have enough to drink, they can also cause crops to fail which leaves people without enough food to eat. This creates a **famine**. A drought can cause thousands, even millions, of people to die through starvation and thirst.

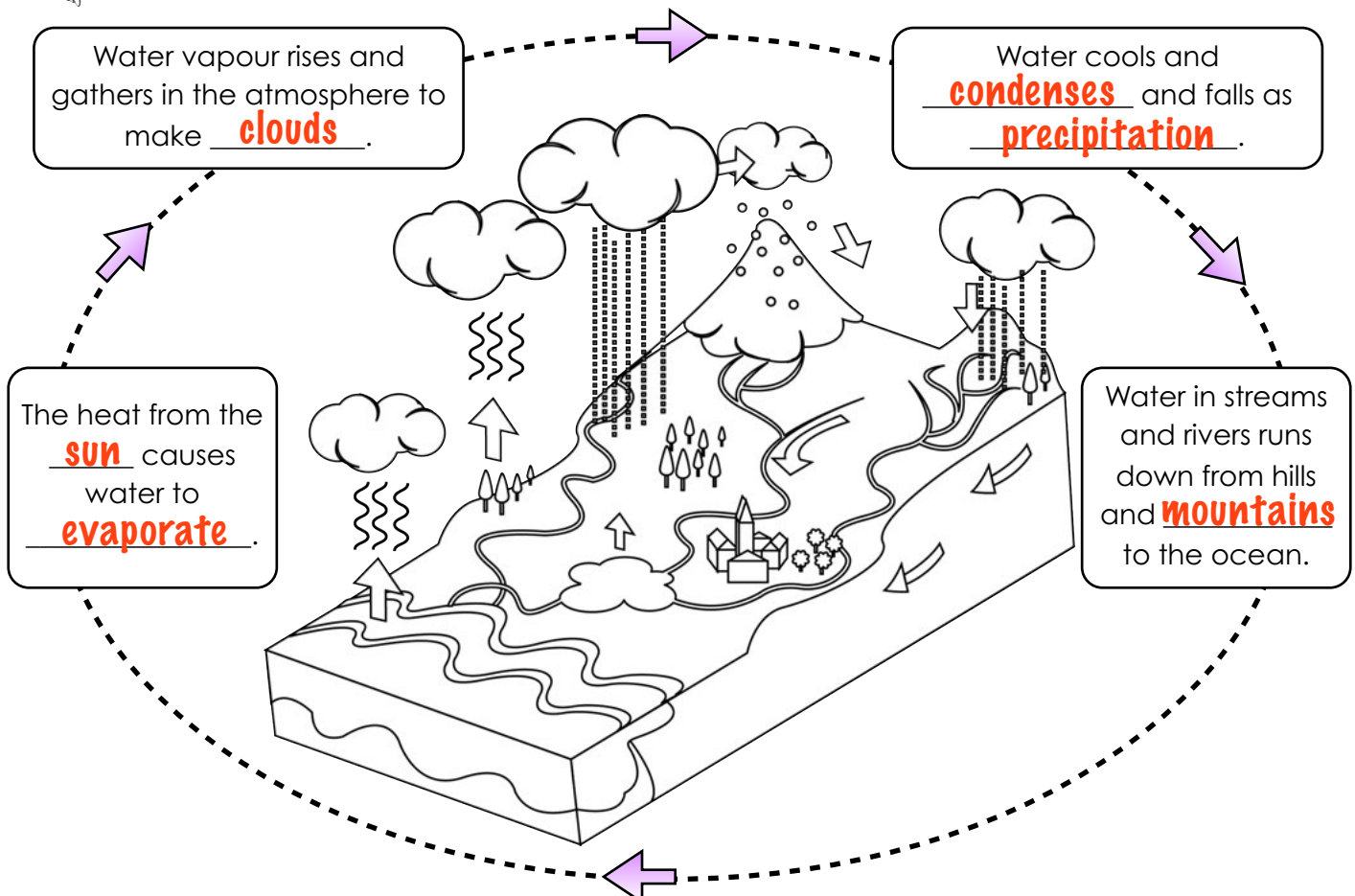
Forest fires are another danger that can be caused by droughts. When trees and plants become very dry through lack of water, they become like kindling. They ignite easily and the flames spread extremely quickly, making it very hard to get the flames under control. Anything in the fire's path is destroyed, including animal habitats and human homes.



Name: _____ Date: _____



Can you complete these labels to describe how the **water cycle** works? When you have finished, colour it in and answer the questions.



mountains sun condenses clouds evaporate precipitation

1. Why do some areas get more rain than others?

Areas near seas and oceans may get more rain because the water does not have to travel far after it evaporates.

2. What is a drought?

A drought is when an area does not get as much rainfall as it usually would.

3. What are the effects of drought?

Droughts can cause crops to fail meaning there is not enough food or water for people (famine). They can also lead to forest fires when plants become dry and catch alight easily.

4. Why are droughts so dangerous?

Because of the lack of food and water caused by the drought many people can starve or die from thirst. The dry plants can catch on fire easily meaning fires can spread quickly, burning down habitats and homes.

Name: _____ Date: _____

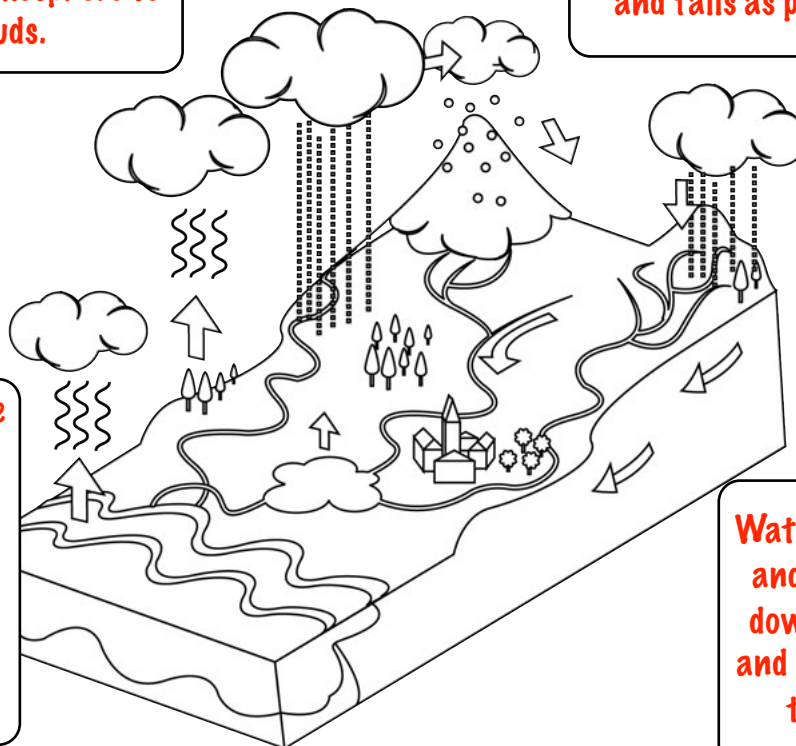


Annotate this diagram to show how the **water cycle** works using the words in the box to help you, then colour it in and answer the questions.

Water vapour rises and gathers in the atmosphere to make clouds.

Water cools and condenses and falls as precipitation.

The heat from the sun causes water to evaporate. Water vapour is also released by plants through transpiration.



Water in streams and rivers runs down from hills and mountains to the ocean.

evaporate

condense

water vapour

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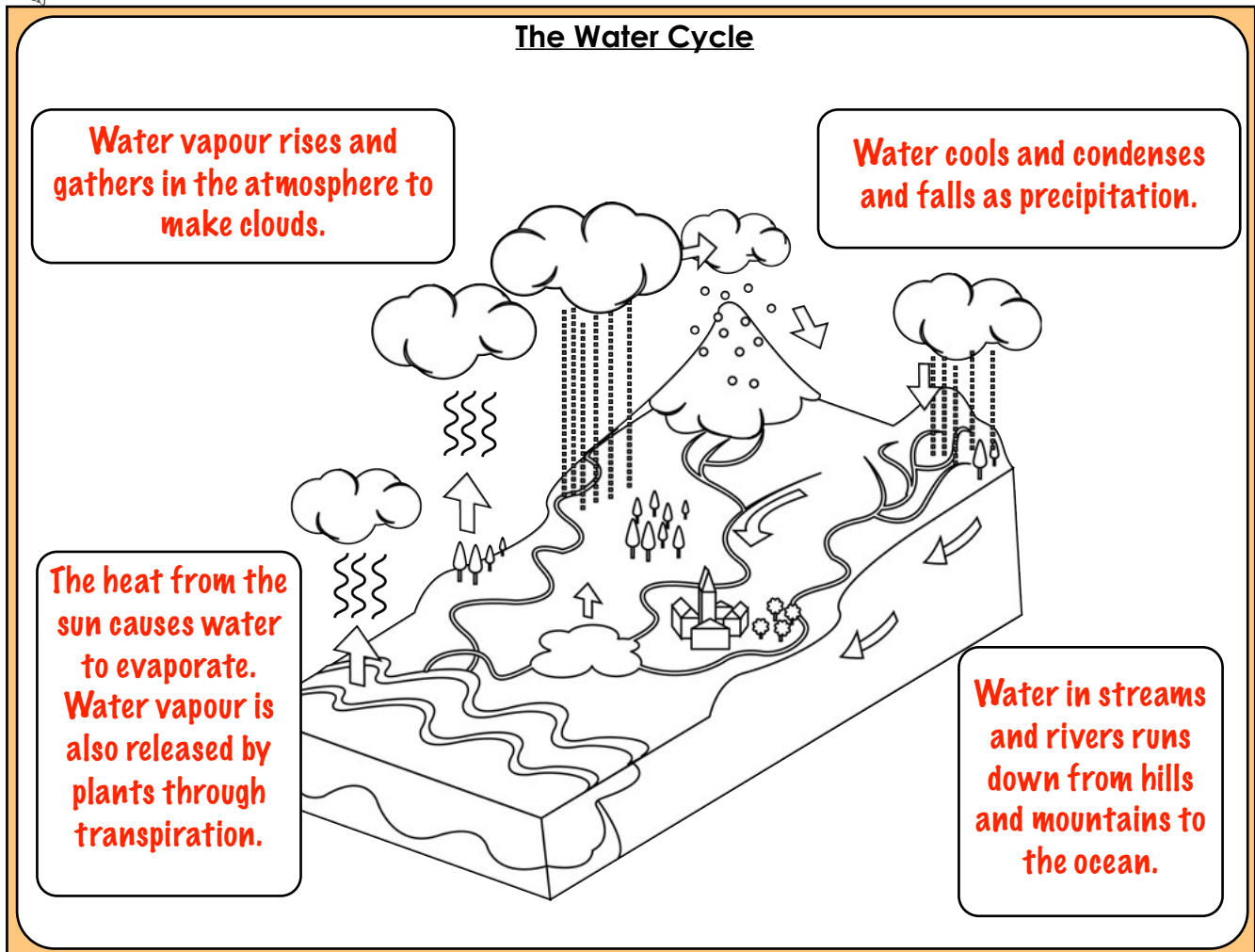
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Name: _____ Date: _____

Drought

What is a drought?

A drought is when an area does not get as much rainfall as it usually would.

Why do droughts happen?

Droughts may be caused by the wind not being strong enough to carry the water vapour from the coasts to inland areas. Droughts can also be caused or made worse by dammed rivers, poor farming practices and other human factors.

Which areas of the world are prone to drought and why?

Inland areas which are not near large areas of vegetation such as trees or grassland can be more prone to droughts as the water vapour must travel further to get to them before falling as precipitation.

What effects do droughts have on people?

Lack of rain means there is less water to drink. It can also lead to crops failing as they don't have enough water to grow leading to famine and starvation.

What effects do droughts have on the environment?

**Large areas of dry plants can catch fire easily and spread quickly. These fires can devastate animal habitats as well as human homes.
Long droughts can cause the land to become dry and difficult for plants to grow in. This is called desertification.**