

Vicky is reading an information board in the Science Museum on the outing.
Read the information board.

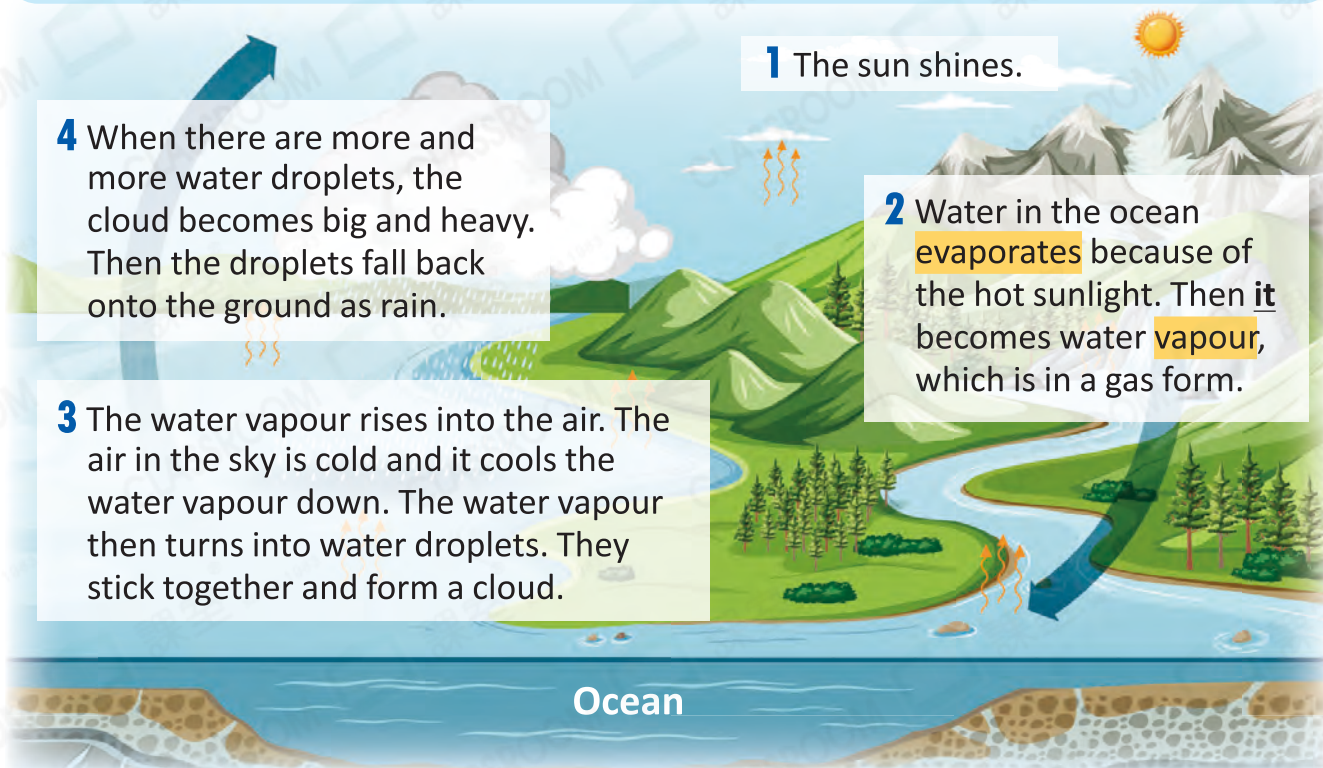
What Is Rain?

1 The sun shines.

2 Water in the ocean **evaporates** because of the hot sunlight. Then **it** becomes water **vapour**, which is in a gas form.

4 When there are more and more water droplets, the cloud becomes big and heavy. Then the droplets fall back onto the ground as rain.

3 The water vapour rises into the air. The air in the sky is cold and it cools the water vapour down. The water vapour then turns into water droplets. They stick together and form a cloud.



Try This Experiment at Home!



Step 1 Fill a glass with some water. **Spray** some shaving cream on top as a 'cloud'.



Step 2 Use a dropper to add five drops of blue food colouring into a bowl of water. Mix them well.



Step 3 Use a dropper to add some blue water from the bowl to the shaving cream.



Step 4 After adding the blue water, the shaving cream becomes too heavy and **it 'rains'!**



10 mins

DATE

Choose the best answers by blackening the circles.

1. Look at '2' in the 'What Is Rain?' diagram. What does 'it' refer to?

- A. the sunlight
- B. the water in the air
- C. the water vapour
- D. the water in the ocean under the sunlight



Tip
Q1: Replace the pronoun with each option.

2. Vicky wants to do the experiment at home. What does she NOT need?

- A. a bowl
- B. a straw
- C. a glass
- D. a dropper



3. The information board mainly wants to tell _____. (Choose more than one answer.)

- A. the change of status of water
- B. how water droplets stick together
- C. the formation of rain
- D. how to do an experiment about raining

Answer the questions in complete sentences.

4. What turns the water vapour into water droplets?

5. How much food colouring does Vicky need in the experiment?

Read the sentences. Write 'T' (True) or 'F' (False) in each box.

- 6. Water vapour is in a liquid form.
- 7. It rains when there are too many water droplets in a cloud.
- 8. We use a dropper to mix the water and food colouring in the experiment.
- 9. We use the shaving cream to represent a cloud in the experiment.
