

Lesson Outline Unit 4 Lesson 1 – The Water Cycle

For each of the questions below, in your ISN restate the question in your answer.

What is the water cycle?

1. Define the water cycle.
2. Where does water flow?
3. Water and snow can move upward and turn into _____ and rise into the air.
4. Plants can also release _____ into the air.

How does water change state?

5. What 3 states is water found in?
6. How is energy absorbed?
7. How is energy released?

How does water reach the atmosphere?

8. Water reaches the atmosphere as water vapor in 3 ways. What are they?
9. Define Evaporation.
10. How much water in the atmosphere comes from evaporation?
11. Define Transpiration.
12. How much water in the atmosphere comes from Transpiration?
13. Define Sublimation.
14. Where can sublimation happen?

What happens to water in the atmosphere?

15. Define Condensation.
16. Define Precipitation.
17. What are 3 common types of precipitation?

How does water move on land and in the oceans?

18. All water on _____ flows _____ because of _____.
19. What are 3 types of runoff?
20. Runoff flows _____ towards _____, _____, and _____.
21. Some water seeps into the ground. This is called _____.
22. How do runoff and groundwater differ?

How does the water cycle transport?

23. How does the water cycle moves energy and matter through Earth's atmosphere?

24. Label Processes A through D.

