

Name: _____

Hr: _____

WATER CYCLE WEBQUEST

SITE #1 <http://pmm.nasa.gov/education/videos/tour-water-cycle>

1. Is there a specific beginning or end in the water cycle? Why or why not?
2. What “powers” the water cycle?

SITE #2 <http://earthobservatory.nasa.gov/Features/Water/>

3. What percent of the Earth is covered by water? _____
4. How long has water flowed on the Earth?
5. What states of matter does water naturally exist on Earth?

Next look at the Water Cycle Diagram:

6. Name the 3 processes where water enters the atmosphere.

SITE #3 <http://pmm.nasa.gov/education/videos/gpm-freshwater-connection>

7. What percent of the Earth’s water is fresh?
8. How many people live on the planet?
9. Where does the water we drink come from?

WATER USE TODAY

SITE #4 http://www.epa.gov/WaterSense/our_water/water_use_today.html

10. How much water does the average American family use in **ONE DAY?**

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11. Fill in the following chart and calculate the amount of water used for each purpose.

Use (item)	%	Total Household Daily Use	Gallons Used by item
Toilet		300	
Faucet		300	
Showers		300	
Washing Clothes		300	
Leaky faucets		300	
Other		300	

SITE # 5 <http://pmm.nasa.gov/education/videos/water-cycle-watering-land>

12. How do clouds form?

13. Where does most of the water that falls to the Earth originally come from?

SITE # 6 <http://pmm.nasa.gov/education/videos/water-water-everywhere>

14. What is special about water as a compound?

15. What drives water evaporation?

16. Why is the water vapor fresh water when it rises from the ocean?

17. What is an aquifer?

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18. What role do people play in the water cycle?