

Water Challenge Game

Instructions:

- Start the slideshow in “slideshow mode” at slide 62
- Students select a category and challenge level (i.e. water cycle for 200)
- Click on that number, which will take you to the question screen
- Students respond with their answer
 - If the answer is correct, click on “*see answer*” to move to the answer slide
 - If the answer is incorrect, other groups can have the opportunity to steal the points by raising their hands to answer the question
- Once the answer has been shared with students, click on “*home*” to return to the main screen to select the next question

Questions for teacher reference

Water cycle

1. Scientific word for rain/snow. *precipitation*
2. Scientific word for when the sun heats up the water and it becomes gas. *evaporation*
3. Scientific word for when water cools and becomes clouds. *condensation*
4. What is the scientific word for when water evaporates from trees and plants? *transpiration*

Freshwater or saltwater or both

1. Ocean *salt*
2. River *fresh*
3. Groundwater *fresh*
4. Delta (include picture) *both*

Managing Water

1. This item collects water from our roofs. *rain barrel or rain cistern*
2. This is where water on the roads in a city go after a storm. *storm drain*
3. Which is more permeable, a flower garden or a sidewalk? *Flower garden*
4. Which is more permeable, a soccer field or the forest floor? *Forest floor*

Ecosystem Services

1. This part of the ecosystem holds on to rocks and soil on the mountainside. *Forest/trees*
2. This part of the ecosystem provides us with hydration. *water*
3. This part of the ecosystem decomposes and becomes fertilizer for the forest. *Salmon/fish/wildlife*
4. This part of the ecosystem stores surface water. *Lakes/ponds*