

# The Challenges – Teacher Resources

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Name \_\_\_\_\_

## Water Scavenger Hunt

### Student Question Sheet

1. About what fraction of water makes up the human body?

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2. Which organ in the body is made up of about 82 percent water and helps remove body waste?

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3. What function does the human body perform to cool down?

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4. What role does water play in the digestive system?

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5. On the average, how many cups of water should you drink each day?

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6. Why should you drink water before you feel thirsty?

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7. What two food groups contain products with lots of water?

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8. How many gallons of water does a human's kidneys process in a day?

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9. What liquid in our body is made of 82 percent water and carries nutrients and oxygen to all parts of the body?

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10. What is the main component of our body?

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11. What is another word for “lack of water in the body”?

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12. How does water affect your brain?

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13. About what percentage of the brain is made of water?

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14. How does water help the joints in our body?

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15. What process allows water to move up through trees?

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16. How would you diagnose a plant whose leaves begin to turn colors and then drop?

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17. What do we call the tube-like structures found inside all plants?

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18. How would you describe the tube-like structures inside a very tall tree?

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19. What do a person, a tree, and a hamster have in common?

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20. What property does water have that allows capillary action to take place?

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## Water Scavenger Hunt

### Question-and-Answer Cards

<p>About what fraction of water makes up the human body?</p> <p><b>3</b> <b>4</b></p>	<p>Which organ in the body is made up of about 82 percent water and helps remove body waste?</p> <p><b>kidneys</b></p>
<p>What function does the human body perform to cool down?</p> <p><b>perspires or sweats</b></p>	<p>What role does water play in the digestive system?</p> <p><b>dissolves foods and transports enzymes to the stomach and intestines</b></p>
<p>On the average, how many cups of water should you drink each day?</p> <p><b>8–12 cups</b></p>	<p>Why should you drink water before you feel thirsty?</p> <p><b>Your body already needs water; you are dehydrated</b></p>
<p>What two food groups contain products with lots of water?</p> <p><b>fruits and vegetables</b></p>	<p>How many gallons of water does a human's kidneys process in a day?</p> <p><b>33 gallons</b></p>

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## Water Scavenger Hunt

### Question-and-Answer Cards

<p>What liquid in our body is made of 82 percent water and carries nutrients and oxygen to all parts of the body?</p> <p><b>blood</b></p>	<p>What is the main component of our body?</p> <p><b>water</b></p>
<p>What is another word for “lack of water in the body?”</p> <p><b>dehydrated</b></p>	<p>How does water affect your brain?</p> <p><b>proper hydration allows for better thinking and processing of information</b></p>
<p>About what percentage of the brain is made of water?</p> <p><b>75 percent</b></p>	<p>What do a person, a tree, and a hamster have in common?</p> <p><b>need water to survive</b></p>
<p>How does water help the joints in our body?</p> <p><b>acts as a lubricant</b></p>	<p>What property does water have that allows capillary action to take place?</p> <p><b>cohesive property</b></p>

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### Question-and-Answer Cards

<p>What process allows water to move up through trees?</p> <p><b>capillary action</b></p>	<p>How would you diagnose a plant whose leaves begin to turn colors and then drop?</p> <p><b>overwatered</b></p>
<p>What do we call the tube-like structures found inside all plants?</p> <p><b>capillaries</b></p>	<p>How would you describe the tube-like structures inside a very tall tree?</p> <p><b>tall and slender</b></p>

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