



THE POWER OF WATER

Amazing power of water

Name: _____

Read the facts about water (your teacher can help you find these) and answer the following questions.

1. Why do you think water is important?

2. Name two groups of people who used water power extensively

1. _____

2. _____

3. Water wheels use the power of water to turn what?

4. Which of the following are parts of a water wheel? Circle your answers.

axle

buckets

wheel

paddles

engine

wings



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5. Provide a brief explanation (in your own words) of how a water wheel works.

6. What are the two common vertical water wheel designs?

1.

2.

7. Where (in Australia) can you find an example of a backshot water wheel?

8. Which three rivers provide water for the Snowy Hydro Scheme?

1.

2.

3.



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9. What are the three ways the ocean can generate electricity?

1. _____
2. _____
3. _____

10. Do you think using water for power is a good idea? Why or why not?
