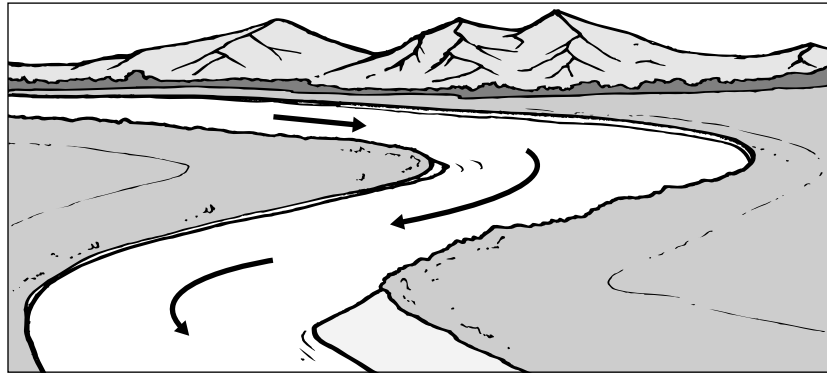


Erosion and Deposition ▪ *Review and Reinforce*

The Force of Moving Water

Understanding Main Ideas

On a separate sheet of paper, answer questions 1 and 2, using the figure below.



1. Where is the stream eroding its bank? Explain.
2. Where is the stream depositing sediment? Explain.

Answer the following questions on a separate sheet of paper:

3. What happens to the potential energy of the water in a river as gravity pulls the water downhill?
4. In what ways does a river carry its load?
5. How do slope, volume of flow, and streambed shape affect a river's speed?

Building Vocabulary

Match each term with its definition by writing the letter of the correct definition on the line beside the term.

- | | |
|-------------------------|--|
| ___ 6. friction | a. the amount of sediment a river carries |
| ___ 7. energy | b. the movement of water every which way |
| ___ 8. load | c. the ability to do work |
| ___ 9. potential energy | d. the force that opposes the motion of one surface as it moves across another |
| ___ 10. abrasion | e. the energy an object has due to its motion |
| ___ 11. kinetic energy | f. the wearing away of rock by grinding action |
| ___ 12. turbulence | g. energy that is stored and waiting to be used later |

Erosion and Deposition