

Chapter 6 Running Water and Groundwater

Section 6.1 Running Water

This section discusses the water cycle and how water flows in streams.

Reading Strategy

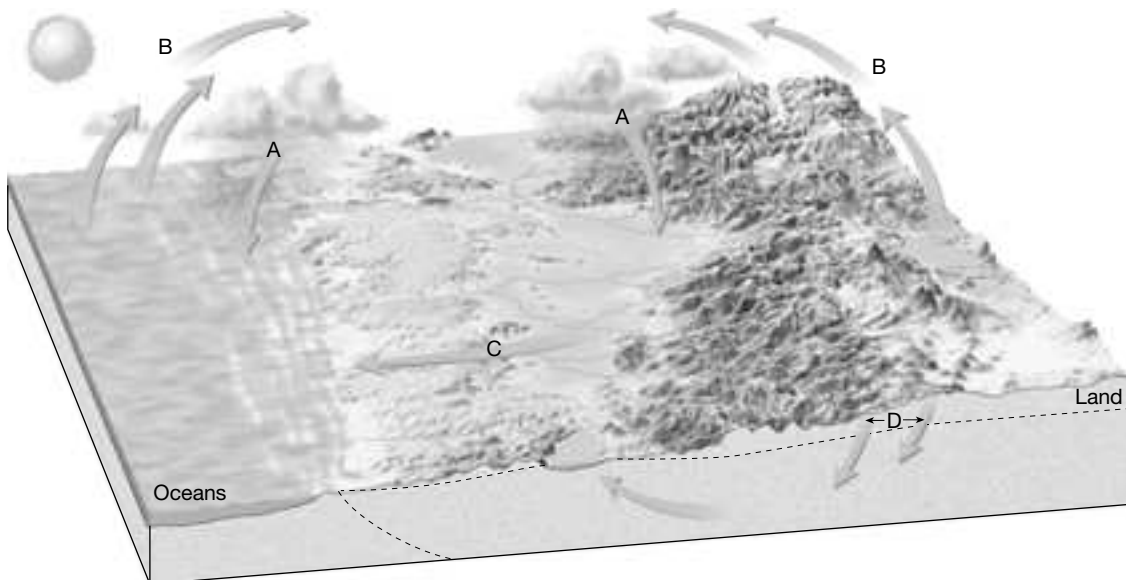
Building Vocabulary As you read this section, define in your own words each vocabulary term listed in the table. For more information on this Reading Strategy, see the **Reading and Study Skills** in the **Skills and Reference Handbook** at the end of your textbook.

Vocabulary Term	Definition
Water cycle	
Infiltration	
Transpiration	

The Water Cycle

- Circle the letter of the term used to describe the unending circulation of Earth's water supply.
 - water balance
 - water cycle
 - base level
 - transpiration
- Select the appropriate letter in the figure that represents each of the following processes in the water cycle.

_____ runoff	_____ evaporation
_____ precipitation	_____ infiltration



Chapter 6 Running Water and Groundwater**Earth's Water Balance**

5. 🗑️ Earth's water cycle is balanced in that each year the average amount of precipitation that occurs over Earth is equal to the amount of water that _____.

Streamflow

6. 🗑️ A stream's ability to pick up and move material depends largely on its _____.
7. What are five factors that determine the velocity of a stream?

Match each definition with its term.

Definition	Term
_____ 8. course that water in a stream follows	a. gradient
_____ 9. volume of water flowing past a certain point in a given unit of time	b. discharge
_____ 10. steepness of a stream channel	c. velocity
_____ 11. distance that water travels in a period of time	d. stream channel

Changes from Upstream to Downstream

12. 🗑️ Is the following sentence true or false? A stream's discharge increases between the headwaters and mouth of the stream.

13. 🗑️ Is the following sentence true or false? From its headwaters to its mouth, a stream's gradient increases. _____

Base Level

14. 🗑️ Circle the letter of the lowest point to which a stream can erode its channel.
- mouth
 - headwaters
 - valley
 - base level
15. 🗑️ Circle the letter of what a bend in a stream is called.
- meander
 - tributary
 - mouth
 - valley