

Chapter 6 Running Water and Groundwater

Section 6.2 The Work of Streams

This section discusses streams and explains how they help shape Earth's surface.

Reading Strategy

Comparing and Contrasting Preview the Key Concepts, topic headings, vocabulary, and figures in this section. List things you expect to learn about each. After reading, state what you learned about each item you listed. 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.

What I Expect to Learn	What I Learned

Erosion

- ➡ How do streams erode their channels?

Sediment Transport

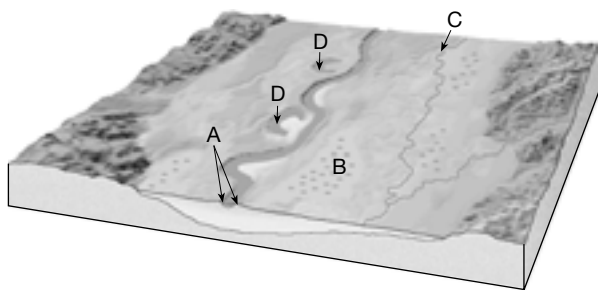
- ➡ Circle the letter of the name for the material a stream carries in solution.
 - bed load
 - suspended load
 - dissolved load
 - mineral load
- ➡ Circle the letter of what the large, solid material a stream carries along its bed is called.
 - bed load
 - suspended load
 - dissolved load
 - maximum load
- Is the following sentence true or false? As a stream's velocity decreases, its competence increases. _____
- A stream's _____ is the maximum load it can carry.
- Is the following sentence true or false? Most streams carry the largest part of their load in suspension. _____

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Deposition

7. ➡ When stream flow decreases to below the critical settling velocity of a certain size particle, _____ occurs.
8. How does a delta form? _____

9. Circle the letter that represents natural levees in the figure below.
 - a. A
 - b. B
 - c. C
 - d. D



Stream Valleys

10. Circle the letter that represents an oxbow lake in the figure above.
 - a. A
 - b. B
 - c. C
 - d. D
11. ➡ What shape will a stream valley have if its primary work has been downward erosion cutting toward base level?

12. A stream's _____ is the flat valley floor onto which it overflows its banks during flooding.

Floods and Flood Control

Match each description with its term.

Description	Term
_____ 13. ➡ earthen mounds built on river banks	a. artificial levees
_____ 14. ➡ structures that store floodwater and let it out slowly	b. floods
_____ 15. ➡ mostly caused by rapid snowmelt and storms	c. flood-control dams

Drainage Basins

16. A(n) _____ is an imaginary line separating different drainage basins.
17. ➡ The land area that contributes water to a stream is know as a(n) _____.