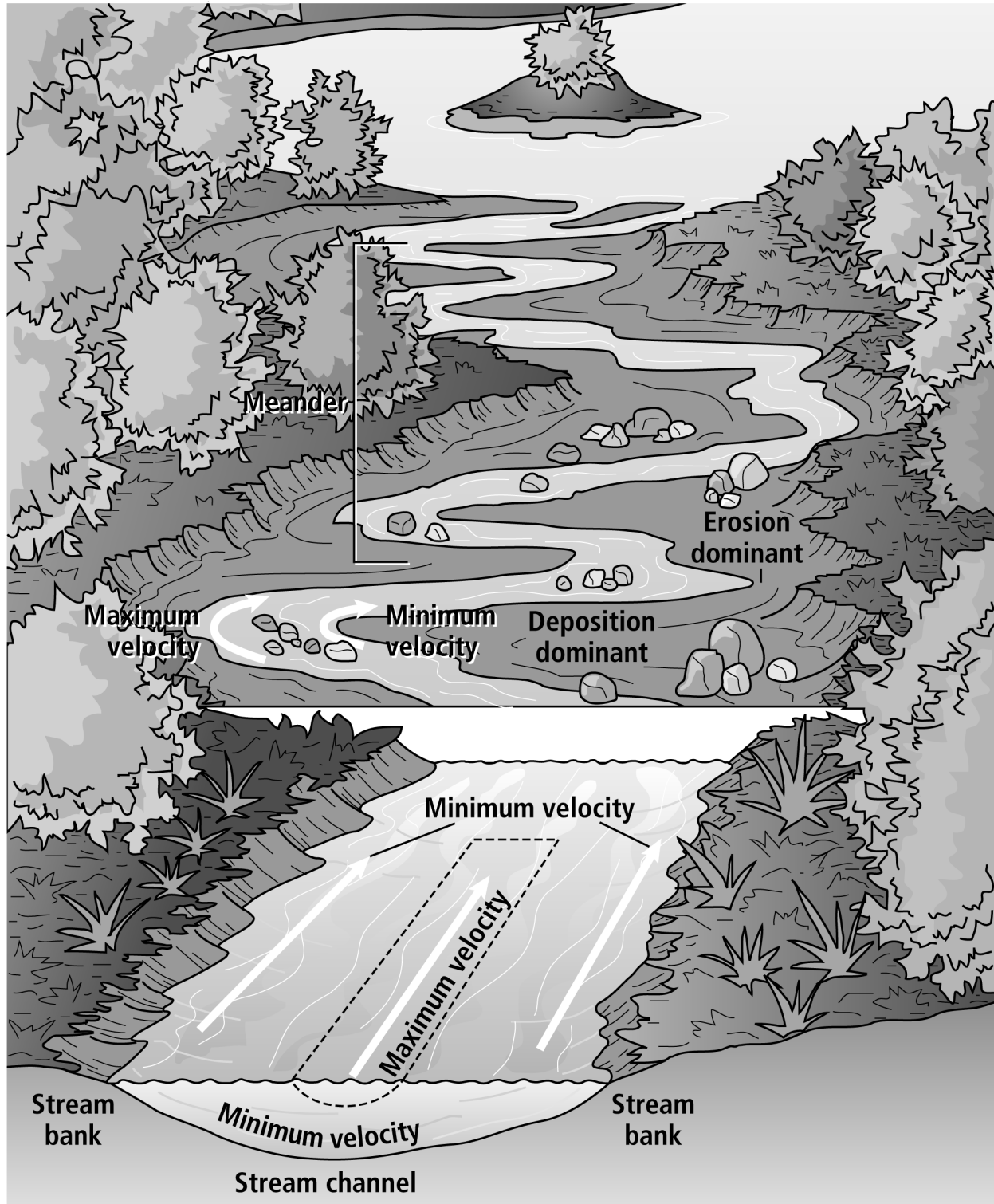


MASTE 2 Teaching Transparency

FEATURES OF A MEANDERING STREAM

Use with Chapter 9
Section 9.2



WORKSHE **2** Teaching Transparency

FEATURES OF A MEANDERING STREAM

*Use with Chapter 9
Section 9.2*

1. In a straight stream channel, where does the water have the maximum velocity?

2. In a straight stream channel, where does the water have the minimum velocity?
Explain your answer.

3. What is a meander?

4. In a meandering stream channel, where does the water have the maximum and minimum velocity?

5. In a meandering stream channel, where is deposition dominant?

6. What is the narrow pathway in which stream water flows?

7. What holds a stream's moving water within its narrow pathway?

8. How does an oxbow lake form?

Teacher Guide and Answers

Teaching Transparency 23 – Features of a Meandering Stream

1. in the center of the channel
2. The minimum velocity occurs along the sides and the bottom of the channel, where the water experiences friction as it moves against the land.
3. a bend or curve in a stream channel
4. The velocity of water is at its maximum along the outside of a meander and at its minimum along the inside of a meander.
5. along the inside of a meander
6. the stream channel
7. the stream banks
8. An oxbow lake forms when a stream deposits material along an adjoining meander, cutting off the meander and blocking its water supply.