

Exploring Tissues

Procedure

1. **Collaborate** Work in a small group. Use the chart below to record your observations of different types of tissues.

Slide Number	Type of Tissue	Observations

2. **Observe** Take turns looking through the microscope at each type of tissue.
3. **Record Data** Record your observations by drawing one cell in the tissue. Then draw several cells, showing how they are arranged.
4. **Communicate** With the group, discuss the function of each type of tissue you studied. What part of the body did the tissue come from? What was the shape of the cells in the tissue?

Conclusion

Write the answers to the questions.

1. **Analyze Data** How do all the cells in a single kind of tissue compare?

2. **Infer** What can you infer about the functions of all the cells in one kind of tissue? How would you define *tissue*?

3. **Draw Conclusions** Humans and other animals have a wide variety of tissues in their bodies. What advantage does this variety provide?

Investigate More!

Ask Questions You have seen several examples of animal tissues. Make a list of questions you have about what you saw. Share your list with your class. Choose one question to find the answer to in this book, the library, or on the internet.

