

# Get Closer!

## Procedure

- 1. Observe** Work in a small group. Take turns looking through a microscope at each slide. Note the titles of the slides, which tell the sources of the samples.
- 2. Communicate** Draw a picture of the cells in each sample. Next to the picture, write the name of the sample and whether it comes from a plant or an animal.



- 3. Compare** Compare drawings with the other members of your group. Discuss how all the plant cells are similar. Discuss how all the animal cells are similar. Write your observations on the lines below.

---

---

---

- 4. Use Models** After you discuss the cells with your group, draw a diagram of a typical plant cell and a diagram of a typical animal cell in the space below.



## Conclusion

Write the answers to the questions.

1. **Communicate** Discuss how your diagrams of typical cells show the differences between plant and animal cells.

---

---

---

2. **Infer** Compare the outer boundaries of an animal cell and a plant cell. What differences between plants and animals do the cell boundaries help explain?

---

---

---

---

3. **Hypothesize** Do you think the cells of all plants and animals share the characteristics you identified? How could you test your hypothesis?

---

---

## Investigate More!

**Design an Experiment** Cells vary a great deal in size. Your cells are almost 100 times bigger than a bacteria cell. Build or draw a model to show the difference in size between a human and a bacteria cell.

