

ID: \_\_\_\_\_

Date: \_\_\_\_ / \_\_\_\_ / \_\_\_\_

## Things that scientists do

There are lots of things that scientist do.

Read each sentence. Mark an “X” in the box that tells what you think. There are no right or wrong answers.

|                                                                       | I don't think<br>I can | I think I<br>can |
|-----------------------------------------------------------------------|------------------------|------------------|
| 1. Do an experiment to help answer science questions                  |                        |                  |
| 2. Make a hypothesis                                                  |                        |                  |
| 3. Use all of your senses to observe                                  |                        |                  |
| 4. Ask a research question                                            |                        |                  |
| 5. Work on science projects with other students                       |                        |                  |
| 6. Group things together that are the same                            |                        |                  |
| 7. Make a tool to measure emotions or feelings                        |                        |                  |
| 8. Collect data                                                       |                        |                  |
| 9. Make a graph to describe a group of things                         |                        |                  |
| 10. Find differences among different types of things                  |                        |                  |
| 11. Pick teams fairly                                                 |                        |                  |
| 12. Understand patterns in data you collect                           |                        |                  |
| 13. Collect data on a spreadsheet or a chart                          |                        |                  |
| 14. Understand what changing one variable does to another variable    |                        |                  |
| 15. Take slow breaths to make your heart beat slower                  |                        |                  |
| 16. Take measurements of things like height, weight, time, heartbeats |                        |                  |
| 17. Say how science can help us live better                           |                        |                  |
| 18. Make an operational definition for a variable                     |                        |                  |
| 19. Think of ways to measure things no one can see                    |                        |                  |
| 20. Design a simple experiment                                        |                        |                  |
| 21. Repeat an experiment to see if I get the same results             |                        |                  |