

Name \_\_\_\_\_ Period \_\_\_\_\_ Date \_\_\_\_\_



## Knowledge Wheel

**STEM Sims**

### Lesson 1: Take a Laboratory Safety Spin

Laboratory safety is one of your most important jobs while working in any laboratory setting. Laboratory accidents that appear insignificant can quickly become major problems if left unchecked. Are you ready to take a spin with our laboratory safety game? Grab the wheel and get going!

#### Doing the Science

1. Open the Knowledge Wheel Sim.
2. This knowledge wheel game is on laboratory safety.
3. The game operates with 1, 2, or 3 players. Enter the name of the first player in the text box and, if desired, select a character icon.
4. If two or three players are planning to play, select the “Next Player” button and enter their information.
5. Select the “Start Game” button and read the on-screen game instructions.
6. Please note that you will only have 10 seconds to complete any game action. These actions include:
  - spin the wheel
  - select a letter
  - buy a vowel
  - select a vowel
  - solve the puzzle
7. After you understand the game directions, again select the “Start Game” button to begin game play.
8. Multiple games can be played in a row with your winnings and losings accumulated across all of the games.

#### Do You Understand?

1. This simulation involves a game about laboratory safety; however, safety is not a game. Discuss in a paragraph or so why laboratory safety should never be considered a “game.”
2. Write 10 items (and their answers) that may be added to the knowledge wheel game about laboratory safety.