

Preparing for the Unit

1. Curiosity Centre

The Curiosity Centre gives students an opportunity to investigate science ideas and tools through active participation, free exploration, and independent play. In this hands-on centre, students can explore objects related to relative position and motion.

The Curiosity Centre could have

- toy cars and other wheeled toys, including pull toys, wind-up toys
- yo-yos, button string zoomers, spinning tops, gyroscopes
- pendulum, metronome
- rubber balls, die
- hockey pucks, shuffleboard disks
- marbles, Ping-Pong balls
- salad spinner, hand mixer, corkscrew
- dominoes, Tiddleywinks game
- cans
- Rubik's Cube
- scissors, stapler
- variety of surfaces such as carpet samples, rugs, corrugated cardboard, foam rubber, linoleum, vinyl tile, hardwood, sandpaper, waxed paper
- magazines and newspapers with photographs showing movement of different kinds

Check the centre frequently to ensure it is well stocked with items. Invite students to contribute to the centre by bringing in items or photographs related to relative position and motion. Remind students to tidy up the materials when they are finished.

Note: You may choose to display new items every few days or introduce items one at a time throughout the unit.

2. Science Journals and Folders



Check that students are recording appropriately in their Science Journals ensuring that

they date each entry and record ideas using sketches with labels, lists of words, or sentences. Continue to encourage them to add new questions or ideas to their Journals as often as they like.

Remind students that they should store completed BLMs, drawings, stories, etc. that are related to the *Relative Position and Motion* unit in their Science Folders.

3. Word Wall



Add any relevant science terminology to the Word Wall throughout the unit.

Emphasize the importance of using precise scientific words while explaining and expressing science concepts and when sharing science learning. Urge students to use the terms as often as possible as they work through the unit.

4. I Wonder Wall



Continue to build the I Wonder Wall throughout the unit by posting students' questions as they arise. Refer to the I Wonder Wall often and select questions that students may be ready to answer.

5. Reading Centre

Add texts (books, magazines, and photographs) relating to relative position and motion to the Reading Centre. Or, you may choose to include these texts in the Curiosity Centre to stimulate discussion and questions. The titles in the Science Library will help start off a collection of books. Also, refer to the list of texts pertaining to Relative Position and Motion in the Additional Resources section of this guide (pages 58–59).