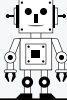
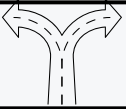


# Describing Motion Menu

**Directions:** Take a look at the different ways you can **describe motion** on the choice board. Choose the ONE activity that you think will best help you show what you've learned and that you will enjoy working on!

|                                                                                                              |                                                                                                                     |                                                                                                                                              |
|--------------------------------------------------------------------------------------------------------------|---------------------------------------------------------------------------------------------------------------------|----------------------------------------------------------------------------------------------------------------------------------------------|
| <b>Ask and Investigate</b>  | <b>Model It!</b>                  | <b>Be a Data Detective</b>                                |
| <p>Come up with a question about how things move. Plan a simple way to test your idea.</p>                   | <p>Create a model to show different ways something can move. Explain the types of motion in your model.</p>         | <p>Observe how different objects move. Record what you see. Share your observations.</p>                                                     |
| <b>Math Connections!</b>    | <b>Explain It!</b>                | <b>Solve a Problem!</b>                                   |
| <p>Use numbers to describe the movement of an object. Explain how your numbers describe the motion.</p>      | <p>Describe in your own words what it means for something to be in motion and what it means to be still.</p>        | <p>Imagine you are giving directions to someone to move from one place to another. Use words that clearly describe how they should move.</p> |
| <b>Tell a Story!</b>      | <b>Create a Visual!</b>         | <b>Be the Teacher!</b>                                  |
| <p>Write a short story about an object's journey, focusing on describing how its movement changes.</p>       | <p>Draw a picture or create a comic strip showing different ways something can move. Label the types of motion.</p> | <p>Explain to someone how you can tell if something is moving and how you can describe its movement.</p>                                     |

# Getting Your Ideas Moving About Motion!

Explore the core concepts of motion with these starting points. Remember, you can always come up with your own amazing projects too!

| Ask and Investigate                                                                                                                              | Model It!                                                                                                                                                                                 | Be a Data Detective                                                                                                                                                                    |
|-----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|-----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|---------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| <ol style="list-style-type: none"> <li>1. Does dropping a ball from higher make it move faster?</li> <li>2. Do different types of balls roll the same way?</li> <li>3. Can you make a toy car move in a straight line?</li> </ol> | <ol style="list-style-type: none"> <li>1. Use toy cars or blocks to show straight, curved, and zigzag paths.</li> <li>2. Create a flipbook showing something starting, moving, and stopping.</li> <li>3. Use your body to act out different kinds of motion.</li> </ol>     | <ol style="list-style-type: none"> <li>1. Watch different people walking or running.</li> <li>2. Observe how a ball bounces.</li> <li>3. Look at how leaves fall from a tree.</li> </ol>                                                                                  |
| Math Connections!                                                                                                                                | Explain It!                                                                                                                                                                               | Solve a Problem!                                                                                                                                                                       |
| <ol style="list-style-type: none"> <li>1. Count how many times you can hop in 10 seconds.</li> <li>2. Measure the distance a toy car travels after a push.</li> <li>3. Time how long it takes to walk across the room.</li> </ol> | <ol style="list-style-type: none"> <li>1. Think about a time you were moving very fast. What did it feel like?</li> <li>2. How is a car moving different from a tree standing still?</li> <li>3. What words can you use to describe the motion of a bird flying?</li> </ol> | <ol style="list-style-type: none"> <li>1. How could you tell someone to walk slowly?</li> <li>2. How could you describe a path to a hidden treasure using only motion words?</li> <li>3. What words would you use to describe the movement of a rollercoaster?</li> </ol> |
| Tell a Story!                                                                                                                                  | Create a Visual!                                                                                                                                                                        | Be the Teacher!                                                                                                                                                                      |
| <ol style="list-style-type: none"> <li>1. The adventure of a rolling ball.</li> <li>2. A leaf's journey on the wind.</li> <li>3. The race between a fast car and a slow bicycle.</li> </ol>                                       | <ol style="list-style-type: none"> <li>1. A picture of different animals moving in different ways.</li> <li>2. A comic strip of a superhero using different kinds of movement.</li> <li>3. A drawing showing something speeding up and slowing down.</li> </ol>             | <ol style="list-style-type: none"> <li>1. Explain "motion" and "still" to a younger sibling.</li> <li>2. Show a friend how to describe different ways to move their arm.</li> <li>3. Use gestures and words to explain fast and slow movement.</li> </ol>                 |