Partners: \_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_

**Height and Distance**

Materials Needed:

1. Ping pong ball
2. Meter stick
3. Ruler
4. Two books

Directions:

1. Use the books to create a ramp.
2. Roll the ball down the ramp starting from five different heights on the same ramp
3. Record how high up the book you started the ball
4. Record how far the ball rolled

|  |  |  |
| --- | --- | --- |
| Roll | Starting Height | Distance Rolled |
| 1 |  |  |
| 2 |  |  |
| 3 |  |  |
| 4 |  |  |
| 5 |  |  |

Be prepared to share what you notice.