



# Marble Run

3rd Grade - NGSS 3-PS2-1  
Materials and Additional Resources



## Materials

- Modeling clay such as Play-Doh (4-5 cans)
- Paper cups
- Wide craft sticks
- Marble
- Masking tape
- Cookie sheet or some other surface to build on



## Engineering Design Process

[Ask, Imagine, Plan, Create Engineering Design Process](#)



## Non-Fiction Reading

[Marble Racing](#)

[Potential and Kinetic Energy](#)



## Music

[Kinetic and Potential Energy](#)



## Videos\*

[Potential and Kinetic Energy](#)

[Visualization of Conservation of Energy](#)



## Teacher Resources

[Are We Really Drawing Roller Coasters?](#)

*\*A note about YouTube videos - The listed videos have been previewed, however individual teachers should also preview to ensure content is appropriate for their students.*