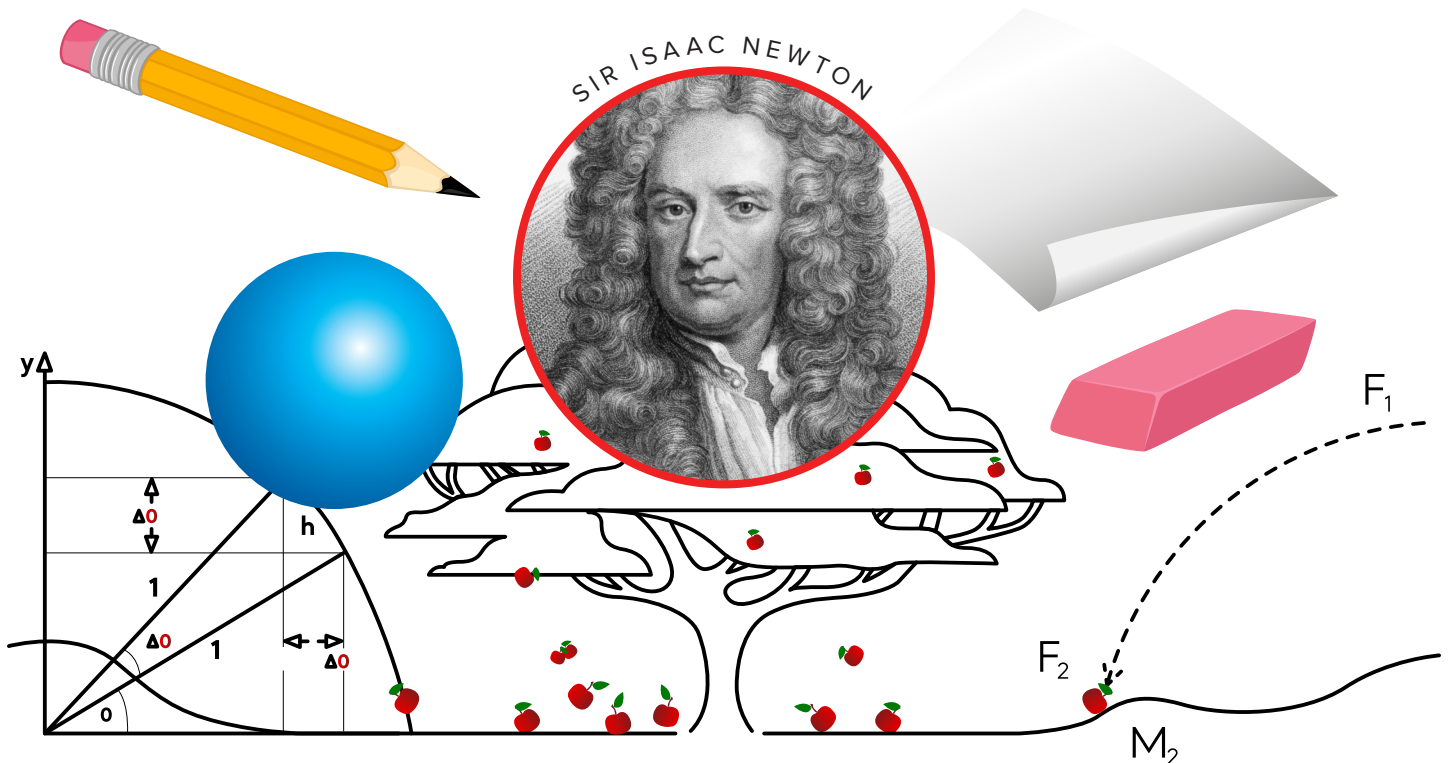


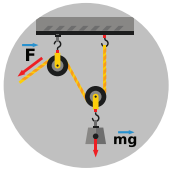
Newton's Laws

This lesson aligns with Utah SEEd Standard 3.3.1

Isaac Newton made observations about the natural world and developed three laws that explain the movement of objects. Use the worksheet below to guide students through making their own observations about the movements of objects in their everyday lives.

- Instruct students to first write down each of Newton's Three Laws of Motion in the designated sections
- Instruct students to choose an object within reach (pencil, eraser, ball, piece of paper).
- Students will use their chosen objects to conduct exercises that demonstrate how Newton's three laws apply to their object's movement.
 - For example: Student places a pencil on their desk.
 - **PREDICT:** Pencil will roll around on its own.
 - **OBSERVE:** The pencil is not moving while nothing moves it.
 - **EXPLAIN:** Newton's First Law says an outside force needs to move stuff and there is no outside force moving this pencil.





Newton's Laws



Name: _____

Newton's Three Laws of Motion

FIRST LAW:

SECOND LAW:

THIRD LAW:

PREDICT



OBSERVE



EXPLAIN

PREDICT



OBSERVE



EXPLAIN

PREDICT



OBSERVE



EXPLAIN

How do your observations connect to the law?