



GATEWAY REGION YMCA LAW OF GRAVITY

A famous scientist, Isaac Newton is said to have discovered gravity when an apple fell from a tree he was sitting under. This force is what keeps us planted on the earth and what is missing in space where astronauts float. Here we can demonstrate it with a simple trick.

Supply List

- Glass cup
- Cardboard or card
- Coin

Instructions

1. Place a square of cardboard atop your chosen glass
2. Place the coin at the center of the cardboard
3. Quickly flick the cardboard card out from under the coin
4. The coin falls because gravity actively pulls it down
5. Try with more coins!

For more information about this activity visit:
gwymca.org/blog/steam-activity-law-gravity



FOR YOUTH DEVELOPMENT®
FOR HEALTHY LIVING
FOR SOCIAL RESPONSIBILITY