

Falling Objects

<https://www.youtube.com/watch?v=E43-CfukEgs>

- How did the objects fall the first time?
- Why did they do the test in this type of facility?
- How did the objects fall the second time? (when chamber closed)
- How did they hit the ground at the same time?
- How does Newton's philosophy on gravity compare to that of Einstein?

Watch for more information

<https://www.youtube.com/watch?v=dcx35x5L9Y>

https://www.youtube.com/watch?v=_mCC-68LyZM

https://www.youtube.com/watch?v=ime_vSf5wRo

Gravity Simulation

<https://phet.colorado.edu/en/simulation/my-solar-system>

- What role is gravity playing in this simulation?
- Identify and explain a concept that you have learned.
- Describe the movement of a moon with a planet in relation to the sun.
- Describe the movement of a comet and a planet in relation to the sun.

Gravity Visualization

<https://kottke.org/13/12/cool-gravity-visualization>

What is happening here? Why?

What characteristic affected the motion of the marbles the most? Why?

Is this a good model for gravity and its influence in space? Why?

Einstein's gravity

https://www.youtube.com/watch?v=a_zMKF66tzo

What are 3 facts that were presented in this video?