

Snohomish County 4-H

Stay Home, Stay Healthy

Learning Tool for week of April 19th, 2020

Hello 4-H Community!

I hope this next activity will be a fun one. Physics is sometimes a tricky concept, and it helps to have a fun project that shows good examples of physics to really get the concepts. I stumbled on this online learning tool while trying to help my teenager with some math and physics concepts.

Have you ever wondered how a medieval launching machine works? Now is your chance! The VirtualTrebuchet 2.0 is your opportunity to design, modify, and test your very own trebuchet from the safety of your computer or tablet. You can try your designs out on a variety of objects, including golf balls, baseballs, pumpkins, and even a cow (the simulated weight of a cow, not a real one!!) Log on to this website and start designing:

<http://www.virtualtrebuchet.com>

For an extra physics lesson, here is a great website to learn about trebuchet physics.

<https://www.real-world-physics-problems.com/trebuchet-physics.html>

Happy designing!