

Museum of Science and Industry Chicago Online Simple Machines Game

Use this online game to learn about different simple machines and their features. This website is based on Flash and requires the latest version of the Adobe Flash Player.

<https://www.msichicago.org/play/simplemachines/>

Khan Academy Online Lesson about Mechanical Advantage

View this online lesson to learn about the basics of Mechanical Advantage and how it is calculated.

<https://www.khanacademy.org/science/physics/work-and-energy/mechanical-advantage/v/introduction-to-mechanical-advantage>

Evolutionary Engineering: Simple Machines—Pyramids to Skyscrapers

This late elementary school unit from the *Teach Engineering* digital library, developed in partnership by faculty and graduate students at the University of Colorado at Boulder and Oregon State University, features 6 lessons and 7 activities which introduce to Simple Machines and how they have been used throughout history.

https://www.teachengineering.org/curricularunits/view/cub_simple_curricularunit

Simple Machines

This middle school unit from the *Teach Engineering* digital library, developed in partnership by faculty and graduate students at the University of Colorado at Boulder and Oregon State University, features 6 lessons and 5 activities which introduce 6 simple machines and show how these machines can be combined to create compound machines. Additionally, the lessons address the concepts of work and mechanical advantage while showing how machines make work easier.

https://www.teachengineering.org/curricularunits/view/cub_simp_machines_curricularunit