

Models and Simulations

Models are simplified representations of more complex objects or phenomena.

Simulations mimic real-world events without the cost or danger of building and testing the phenomena in the real world.

Online Models/Simulations

Here is a link to an online simulation of a balancing act.

Link: https://phet.colorado.edu/sims/html/balancing-act/latest/balancing-act_en.html

There are dozens of simulations at the link below. These are great to make predictions of the real world without having to find the money and resources to create an actual model.

There are multiple categories of simulations involving math, chemistry, biology, physics, and more.

Link: <https://phet.colorado.edu/en/simulations/category/new>

Try out several simulations and see which ones you can integrate into your classroom.

These are only a few simulations available online. TACT will cover an original simulation during the workshop.