

Physics Education Technology (PhET)

- A project that started with the aim of creating interactive simulations that aid in the teaching of physics
- This project started at the University of Colorado
- The project is:
 - Supporting educators and students
 - Developed using research and feedback from educators

- The PhET simulations
 - Provide visual representation of abstract concepts and microscopic processes
 - Help students build mental models of things that are often difficult to understand
 - Can be used as a means of interactive engagement in class
 - A learning support tool for classroom demonstrations

- **PhET can be used as**
 - A method to promote active thinking with enquiry based activities designed around the simulations
 - An alternative to or supplement for laboratory work
- **Website**
 - <http://phet.colorado.edu>

Online or Offline

- PhET simulations can be used online
- Can be downloaded and be installed on your computer
- Once installed you do not need to be connected to internet to use them
- There are versions for Windows, Mac OS, and Linux
- Your computer must have Flash and Java installed in order to use PhET simulations