

All work is shared via the Creative Commons Attribution-NonCommercial-ShareAlike 4.0 license. Feel free to use the content here for non-commercial purposes, but be sure to provide attribution.

Activity	Course	Application	Platform/Language
<a href="#">Air Drag Analysis: Video vs Modeling</a>	Physics	Modeling/Data science	Google Colab/Python/p5js
<a href="#">Air Drag Modeling with p5js</a>	Physics	Modeling	STEMcoding/p5js
<a href="#">Capacitors in Series and Parallel</a>	Physics	Physical computing	Arduino
<a href="#">Exploring Simple Circuits</a>	Physics	Physical computing	Arduino
<a href="#">HR Diagram Introduction</a>	Astronomy	Modeling/Data science	Google Colab/Python
<a href="#">Hubble Diagram using SDSS Data</a>	Astronomy	Data science	Google Colab/Python
<a href="#">Kepler's 3rd Law</a> (coding)	Astronomy/Physics	Modeling/Data science	Google Colab/Python
<a href="#">Kepler's 3rd Law</a> (Desmos)	Astronomy/Physics	Modeling/Data science	Desmos
<a href="#">Kepler's 3rd Law</a> (spreadsheets)	Astronomy/Physics	Modeling/Data science	Google Spreadsheets
<a href="#">Measuring Distance with Light</a>	Astronomy	Modeling	Google Colab/Python
<a href="#">Micro:bit Stoplight Lab</a>	Physics	Physical computing	MicroPython
<a href="#">Photoplethysmography with Microcontrollers</a>	Physics	Physical computing	Arduino
<a href="#">Relative Abundance of Europium with Spectroscopy</a> (coding)	Astronomy/Chemistry	Modeling/Data science	Google Colab/Python
<a href="#">Relative Abundance of Europium with Spectroscopy</a> (spreadsheets)	Astronomy/Chemistry	Modeling/Data science	Google Spreadsheets
<a href="#">RET 2021 Modeling Air Drag with Unity vs p5js</a>	Physics	Modeling/Data science	Google Colab/Python/p5js
<a href="#">Simple Harmonic Motion Modeling with Data</a>	Physics	Modeling/Data science	Desmos
<a href="#">Skynet and IRSA Nebula Lab</a>	Astronomy	Modeling/Data Science	Google Spreadsheets



This work is licensed under a [Creative Commons Attribution-NonCommercial-ShareAlike 4.0 International License](https://creativecommons.org/licenses/by-nc-sa/4.0/).