Unit P.2 Afar Video Links

All of the videos for the OpenSciEd units can be found on the OpenSciEd YouTube Channel. For classrooms that are not able to access the videos via YouTube, we have provided alternative streaming links in the document below. Please note that some of the videos are only available via YouTube for permission reasons.

Student Facing Videos

Lesson	Video Name and YouTube Link	Alternative Link	Credits and Usage
2	Scale calibration and alignment procedure	https://www.wevideo.com/view/3201356858	CC BY 4.0
2	Removing or adding one to force a stable spring-scale system	https://www.wevideo.com/view/3206024070	CC BY 4.0
2	Slow motion removal of a force from a stable 4 spring-scale system	https://www.wevideo.com/view/3201402064	CC BY 4.0
4	Relative speed of sound in solids, liquids, and gases	N/A	Khan Academy
4	Orientation video to Apply and Remove External Force on a Solid Simulation	https://www.wevideo.com/view/3201456771	NetLogo, GPL (GNU General Public License), version 2
4	Plate interaction and earthquake demonstration	https://www.wevideo.com/view/3238157585	CC BY 4.0
4	Inverter magnet demonstration	https://www.wevideo.com/view/3238160205	CC BY 4.0

5	How to use the tomography tool	https://www.wevideo.com/view/2731876700	Hosseini, K. , Matthews, K. J., Sigloch, K. , Shephard, G. E., Domeier, M. and Tsekhmistrenko, M. (2018), SubMachine: Web-Based tools for exploring seismic tomography and other models of Earth's deep interior. Geochemistry, Geophysics, Geosystems, 19. doi:10.1029/2018GC007431
6	Mantle Tank Investigation Video	https://www.wevideo.com/view/2750300766	CC BY 4.0
6	Lava Lamp Observation Video	https://www.wevideo.com/view/3128482700	CC BY 4.0
8	How to plan your investigation using a spreadsheet	https://www.wevideo.com/view/3201519980	CC BY 4.0
9	Orientation screencast to radioactive element decay simulation	https://www.wevideo.com/view/3240893186	CC BY 4.0
9	Interactive demonstration of half-life patterns in a graph	https://www.wevideo.com/view/2746278330	CC BY 4.0
9	How to set up a spreadsheet and use it to solve the decay equation	https://www.wevideo.com/view/2747055490	CC BY 4.0

Teacher Preparation Videos

Lesson	Video Name & YouTube Link	Alternative Link	Credits and Usage
1	How to Navigate the Earthquake and Volcanism Map	https://www.wevideo.com/view/3201280543	Map and data courtesy of Esri, NOAA National Centers for Environmental Information (NCEI), and the U.S. Geological Survey, National Geospatial Program
1	How to Use the Earthquake Cases Storymap	https://www.wevideo.com/view/3239283473	Map and data courtesy of Esri, NOAA National Centers for Environmental Information (NCEI), and the U.S. Geological Survey, National Geospatial Program
10	How to measure the density of rock samples	https://www.wevideo.com/view/2749657227	CC BY 4.0
11	Constant Velocity Forces Demonstration	https://www.wevideo.com/view/3201338121	CC BY 4.0
12	Friction Investigation Demonstration (part 1)	N/A	Castle Rock Research

12	Friction Investigation Demonstration (part 2)	N/A	Castle Rock Research
13	How to Draw the Vectors for the Inclination Investigation	https://www.wevideo.com/view/2736189848	CC BY 4.0
13	Sci Show: How North America Almost Separated Into Two Pieces	N/A	SciShow
2	Preparing and using materials for Stretching and Breaking Investigation	https://www.wevideo.com/view/2736129266	CC BY 4.0
2	How to build the foam blocks for investigation A-D	https://www.wevideo.com/view/3201490636	CC BY 4.0
5	How to use SubMachine with teachers	https://www.wevideo.com/view/2731880004	Hosseini, K. , Matthews, K. J., Sigloch, K. , Shephard, G. E., Domeier, M. and Tsekhmistrenko, M. (2018), SubMachine: Web-Based tools for exploring seismic tomography and other models of Earth's deep interior. Geochemistry, Geophysics, Geosystems, 19. doi:10.1029/2018GC007431