

Contents of Static Electricity Folder

There are 15 folders inside of the Static Electricity folder. Each folder contains a PowerPoint slide deck. The slide deck can be used as a PowerPoint or be imported into Google Slides. The folder also contains a PDF and Microsoft Word version of the Lesson Notes. Finally, there is an **Images** folder inside each of the folders. The images folder contains animations (usually .gif or .mp4), movies (usually .mp4), and graphics (usually .png) used in the slide deck. Often times there is a Microsoft Word document that contains the source of one or more line graphics. The availability of the MS Word document will allow teachers to manipulate any of the graphics as desired. All the images included in the PowerPoint slide deck are not necessarily saved in the Images folder. They can be edited within PowerPoint or Google Slides (if needed).

	PowerPoint Topic	File Name
1.	Neutral vs. Charged Objects	NeutralCharged
2.	Charge Interactions	Interactions
3.	Conductors and Insulators	ConductorsInsulators
4.	Polarization	Polarization
5.	Triboelectric Charging	Triboelectric
6.	Charging by Induction	Induction
7.	Charging by Conduction	Conduction
8.	Grounding	Grounding
9.	Coulomb's Law	CoulombsLaw
10.	Proportional Reasoning with Coulomb's Law	ProportionalReasoning
11.	Coulomb's Law and Force Analysis	ForceAnalysis
12.	Electric Field Concept	FieldConcept
13.	Electric Field Intensity	FieldIntensity
14.	Electric Field Lines	FieldLines
15.	Difficult Electric Field Problems	FieldProblems

In addition to the PowerPoints and Lesson Notes, the Static Electricity folder contains several animations and videos (and also graphics). You will find the following animations and videos included in the Static Electricity folder:

Folder	File Name	Format	Duration
ConductorsInsulators	VanDeGraaff	.gif	0:05
Polarization *	BalloonAttractsWall	.mp4, .gif	0:49
	AlCanPolarizationDemo	.mp4, .gif	0:34
Triboelectric	TriboelectricTesting	.mp4	1:24
Induction	InductionWithPos	.mp4, .gif	0:12
FieldConcept	Electroscope	.gif	0:08

* We provided a second PowerPoint designed for importing into Google Slides.