

Contents of Electric Circuits Folder

There are 16 folders inside of the Electric Circuits 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), 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. | Electric Field and the Movement of Charge | ChargeMovement |
| 2. | Electric Potential | Potential |
| 3. | Electric Potential Difference | PotentialDifference |
| 4. | Electric Circuits and Their Requirements | CircuitRequirements |
| 5. | Electric Current | Current |
| 6. | Electric Power: Putting Charges to Work | Power |
| 7. | Common Circuit Misconceptions | Misconceptions |
| 8. | Electric Resistance | Resistance |
| 9. | Current, Voltage, and Resistance | CurrentVoltsResistance |
| 10. | Electric Power Revisited | PowerRevisited |
| 11. | Comparing Series and Parallel Circuits | SeriesVsParallel |
| 12. | Series Circuit Relationships | SeriesRelations |
| 13. | Series Circuit Analysis | SeriesAnalysis |
| 14. | Parallel Circuit Relationships | ParallelRelations |
| 15. | Parallel Circuit Analysis | ParallelAnalysis |
| 16. | Combination Circuits | Combination |

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

| Folder | File Name | Format | Duration |
|---------------------|----------------------|---------------|-----------------|
| CircuitRequirements | TaleOfTwoPlates | .gif | 0:14 |
| | SomethingsHappening1 | .gif | 0:22 |
| | SomethingsHappening2 | .gif | 0:22 |