



Electricity and Magnetism

UNIT DAILY AGENDAS



March 26

- ▶ Unit 5 Pretest
- ▶ Electrostatics intro with balloons
- ▶ Practice worksheet

- ▶ Quiz Friday



March 27

- ▶ Electrostatics
 - ▶ Video Examples
 - ▶ Lightning
 - ▶ Van de Graaff
- ▶ Quiz Friday



March 28

- ▶ Electrostatics refresh
- ▶ Electric fields
- ▶ Electric field worksheet
- ▶ Quiz Friday



March 29

- ▶ Electric potential
- ▶ Electric field and electrostatics worksheets
- ▶ Skills Check (last 10 minutes)

- ▶ Quiz Friday...tomorrow



March 30

- ▶ Electrostatics quiz
- ▶ Bonus Lab: Stuck on You!
 - ▶ Follow the lab sheet and complete the lab on your own paper

April 9

- ▶ Electric Current
 - ▶ Flow of electric charge
 - ▶ Ohm's Law
 - ▶ Electric Power



April 10

- ▶ People Circuit
- ▶ Mini-Lab: Light the Bulb
- ▶ Resistance
- ▶ practice/questions

- ▶ Skills check (last 10 minutes)



April 11

- ▶ Basic circuit stuff
- ▶ Lab: Electric circuits
- ▶ Electric current and basic circuit quiz tomorrow

April 12

- ▶ Lab: Electric circuits
- ▶ Electric Current quiz (last 30 min)

April 13

- ▶ Series and parallel circuit properties
- ▶ Practice with series and parallel circuits
- ▶ Test next Wednesday...April 18



April 16

- ▶ Combination circuits
 - ▶ Examples
 - ▶ practice

Test Wednesday...April 18

April 17

- ▶ Electricity posttest
- ▶ Electricity test review

Electricity Test tomorrow

April 18

- ▶ Unit 5: Electricity test today
- ▶ You need:
 - ▶ Writing utensil, calculator, “Happy Place”, scratch paper

April 19

- ▶ Magnetism
- ▶ Lab: Magnetic Field Mapping
- ▶ Homework: Skills Check #18 on Schoology

April 20

- ▶ Electromagnetism
- ▶ Lab: Electromagnetism
 - ▶ Follow lab sheet
 - ▶ Answer all questions along the way, data and graph on your own paper.
- ▶ Last 40 minutes - Electromagnet, motors, generators, and transformers
- ▶ Homework: Skills Check #19 on Schoology