

Electricity and Magnetism

Enduring Understanding- Moving charges produce magnetic fields and experience magnetic force when traveling across the field lines of an external magnetic field.

Essential Questions

1. How are magnetic poles different from electric charges?
2. What determines the magnetic force on a charged particle?
3. How can the motion of a charged particle be manipulated?
4. Under what conditions must Biot-Savart be used to calculate the magnetic field?
5. Under what conditions must Ampere's Law be used to calculate the magnetic field?

Magnetic Fields

