

Units 10 - You're Magnetic - Magnetism

Content Area: **Science**
Course(s): **Physics Honors, Horticulture 1**
Time Period: **June**
Length: **6 weeks**
Status: **Published**

Enduring Understandings

Magnetism is a result of moving electric charges.

Electricity can be induced by magnetism.

Essential Questions

What is the relationship between Electricity and Magnetism?

How does magnetism induce electricity?

Content

Vocabulary:

Magnetism

Electromagnetic induction

Self induction

Magnetic flux

Electromotive force

Transformer

Solenoid

Skills

Describe fields created by magnetism and how they induce electric fields in other objects.

Calculate the force created by a magnetic field and its relation to the distance between the two objects.

Resources

Standards
