Chapter 5: Magnets

**Vocabulary:**

* **magnet:** an object that is attracted to iron
* **magnetic:** attracting objects that have iron in them
* **attract:**to pull toward
* **repel:**to push away
* **electromagnet:**a magnet that can be turned on and off by using electricity
* **generator:** a device that uses a magnet to produce electricity
* **temporary magnet:** a magnet made by passing an iron object near a magnet

**Big Ideas:**

**The Pull of Magnets**  
Magnets are attracted to objects that contain iron. Every magnet has a north pole (N) and a south pole (S). Similar poles on two magnets repel each other and opposite poles attract each other.  
  
**Magnets All Around You**  
Magnets are used in many ways. Electromagnets use electricity and can be turned on and off. Generators use magnets to produce electricity.