

# **Unit 2**

## **Physics**

### **What is Physics?**

**-Physics is the science dealing with the properties, changes, interactions, etc. of matter and energy, including electricity, magnetism, optics, mechanics, and nuclear reactions.**

### **What is matter?**

**-Matter is anything that has mass and volume.**

### **What is energy?**

**-Energy is the ability to cause change or do work.**

### **We'll be studying Mechanics.**

**-Mechanics is the branch of Physics that deals with the motion of objects and the result of the action of forces on objects.**