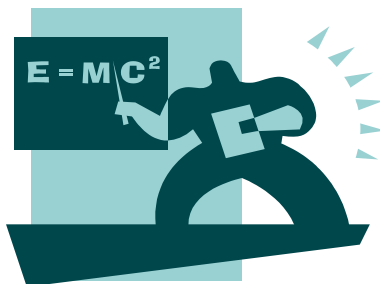


# **PHYSICAL SCIENCE 9**

## **2014-2015**



**Mrs. Birkett, Room 108**

### **Overview**

Physical science is the study of any of the natural sciences that deal with matter or with energy (physics, chemistry, and astronomy). In this course you will be participating in an in-depth study of some of the basic principles of chemistry and physics, and you will be learning how these two subjects apply to our everyday lives!

### **Units of Study**

Unit 1: Science Skills (*Chapter 1*)

Unit 2: Matter (*Chapters 2 and 3*)

Unit 3: Atoms and the Periodic Table (*Chapters 4 and 5*)

Unit 4: Chemical Bonds and Chemical Reactions (*Chapters 6-8*)

#### ***CHEMISTRY FINAL EXAM***

Unit 5: Motion and Forces (*Chapters 11-13*)

Unit 6: Work and Energy (*Chapters 14-16*)

Unit 7: Waves and Optics (*Chapters 17-19*)

Unit 8: Electricity and Magnetism (*Chapters 20 and 21*)

#### ***PHYSICS FINAL EXAM***

### **Materials for Class**

- 1 3-Ring binder with pockets (for notes, assignments)
- Loose leaf paper or spiral notebook
- Scientific calculator
- Textbook
- Pen or pencil
- iPad

### **Grading for Learning:**

Tests and Projects: **90%** of quarter grade (weighted by points)  
Classwork and Homework: **10%** of quarter grade (weighted by points)  
Responsibility Grade: Student will receive a score of 1-4 for *Practice, Behavior, and Engagement*

### **Class Expectations (My 3 B's)**

- \*Be on time!
- \*Be prepared!
- \*Be respectful to those around you!

**\*\*I'm looking forward to a great year\*\***  
**Please don't hesitate to ask me**  
**questions-DON'T FALL BEHIND.**

