

# SEVENTH GRADE

## *Earth/Life Science Syllabus*

Welcome 7th Graders to Earth Science. My name is Mr. Crockett. I am looking forward to getting the year off to a fun and fast-paced start. Throughout the first semester, we will be covering the various branches of Earth Science. In the second semester we will shift our focus to Life Science. We will have many unique opportunities to investigate these subjects through book learning techniques. More importantly, you will discover the Earth and Life Science through online activities, field trip explorations and lab experiments. Here is a more detailed look at some of the things we will cover:

- Semester 1
  - Measurement/Scientific Method/Inquiry
  - Water Quality
  - Maps/Compasses
  - Minerals
  - Rocks
  - Plate Tectonics
- Semester 2
  - Earthquakes/Volcanoes
  - The Cell (with diffusion, osmosis, equilibrium)
  - Classification
  - Bacteria, Protists and Fungi
  - Plants and Animals

### **Course Text: Earth Science**

Holt Science and Technology © 2007

ISBN# 0-03-045757-2

### **Classroom Rules:**

- Respect yourself and others.
- Only one person speaks at a time.
- Come to class on time and prepared.
- Keep your hands to yourself.
- Raise your hand to leave your seat.

### **Classroom Expectations:**

#### **I expect you to...**

- Treat yourself, myself and others with respect.
- Put forth your best effort.
- Ask a question when you get stuck (think it through first!)
- Use all equipment carefully, and return it as you found it.
- Use appropriate language and volume.
- Refrain from eating and chewing gum.
- Keep an open mind and enjoy science!

## **Grading System:**

|                                   |     |
|-----------------------------------|-----|
| Laboratory Skill Development..... | 20% |
| Text Skill Development.....       | 10% |
| Class work and Homework.....      | 30% |
| Tests, Quizzes and Projects.....  | 30% |
| Participation.....                | 10% |

A majority of the science grade will be based on skill development. As a quarter/semester progresses, I expect you to learn and expand your skills as a scientist. Class work and Homework will be collected and graded on a daily basis. Throughout a chapter, and at the end of a chapter, assessments will be given in the form of quizzes, tests and projects. Finally, participation will be graded upon your willingness to ask appropriate questions, positively add to discussion, assist others and behave properly in the science classroom.

## **Class work/Homework Policy:**

- Each day the whiteboard will indicate what is due the following day.
- All work will be collected on the due date.
- Missing work will be noted in your planner.
- You will have ONE day to complete missing work.
- Missing work is automatically lowered by one letter grade.
- Pick up missing work from the hanging folders by the door.

## **Grading Scale:**

A = 93 to 100% Excellent  
B = 86 to 92% Above average achievement  
C = 77 to 85% Average achievement  
D = 70 to 76% Below average achievement  
F = below 70% Unsatisfactory progress

## **A Day in the Life of a 7<sup>th</sup> Grade Science Student**

We will have a goal of covering a section each day. This will be done in a variety of ways. We will start each day with a Do-Now activity that will revisit the learning from the previous day. We will then typically use book learning strategies, worksheet activities, group activities, internet labs and video instruction to increase our knowledge of the theme. This will set us up to execute a lab or experiment to solidify our understanding of the section. Demonstrations will be placed throughout the week to spark interest and generate thoughts and discussion regarding the particular topic.

## **Parent Shopping List**

- 1 **Red** Folder
- 1 **Red** Notebook

# EIGHTH GRADE

## *Physical Science Syllabus*

Welcome 8th Graders to Physical Science. My name is Mr. Crockett. I am looking forward to getting the year off to a fun and fast-paced start. This year we will be covering a variety of topics that relate to Physics and Chemistry. We will have many unique opportunities to investigate these subjects through book learning techniques. More importantly, you will discover the Physical Science through online activities, field trip explorations and lab experiments. Here is a more detailed look at some of the things we will cover:

- Introduction to Matter
- Motion and Forces
- Work, Machines and Energy
- Interactions of Matter
- Electricity
- Waves, Sound and Light

### **Course Text: Physical Science**

Holt Science and Technology ©2007  
ISBN#0-03-045768-8

### **Classroom Rules:**

- Respect yourself and others.
- Only one person speaks at a time.
- Come to class on time and prepared.
- Keep your hands to yourself.
- Raise your hand to leave your seat.

### **Classroom Expectations:**

#### **I expect you to...**

- Treat yourself, myself and others with respect.
- Put forth your best effort.
- Ask a question when you get stuck (think it through first!)
- Use all equipment carefully, and return it as you found it.
- Use appropriate language and volume.
- Refrain from eating and chewing gum.
- Keep an open mind and enjoy science!

## **Grading System:**

|                                   |     |
|-----------------------------------|-----|
| Laboratory Skill Development..... | 20% |
| Text Skill Development.....       | 10% |
| Class work and Homework.....      | 30% |
| Tests, Quizzes and Projects.....  | 30% |
| Participation.....                | 10% |

A majority of the science grade will be based on skill development. As a quarter/semester progresses, I expect you to learn and expand your skills as a scientist. Class work and Homework will be collected and graded on a daily basis. Throughout a chapter, and at the end of a chapter, assessments will be given in the form of quizzes, tests and projects. Finally, participation will be graded upon your willingness to ask appropriate questions, positively add to discussion, assist others and behave properly in the science classroom.

## **Class work/Homework Policy:**

- Each day the whiteboard will indicate what is due the following day.
- All work will be collected on the due date.
- Missing work will be noted in your planner.
- You will have ONE day to complete missing work.
- Missing work is automatically lowered by one letter grade.
- Pick up missing work from the hanging folders by the door.

## **Grading Scale:**

A = 93 to 100% Excellent  
B = 86 to 92% Above average achievement  
C = 77 to 85% Average achievement  
D = 70 to 76% Below average achievement  
F = below 70% Unsatisfactory progress

## **A Day in the Life of a 8<sup>th</sup> Grade Science Student**

We will have a goal of covering a section each day. This will be done in a variety of ways. We will start each day with a Do-Now activity that will revisit the learning from the previous day. We will then typically use book learning strategies, worksheet activities, group activities, internet labs and video instruction to increase our knowledge of the theme. This will set us up to execute a lab or experiment to solidify our understanding of the section. Demonstrations will be placed throughout the week to spark interest and generate thoughts and discussion regarding the particular topic.

## **Parent Shopping List**

- 1 **Blue** Folder
- 1 **Blue** Notebook