



# Bob Jones High School

## Science Department

### Physical Science Course Syllabus

**Course Title:** Physical Science  
**Instructor :** Ms. Holden  
**Textbook:** Foundations of Physical Science 3<sup>rd</sup> Edition CPO Science 2013  
**Phone #:** 772-2547 ext. 80230  
**Email:** [cholden@madisoncity.k12.al.us](mailto:cholden@madisoncity.k12.al.us)

#### Course Description:

This is a survey course of the concepts taught in chemistry and physics with the intent to prepare students for continued study in science. This course involves problem solving and therefore, requires basic math skills.

#### Required Materials

3-ring binder	Ink Pens (blue/black)	loose-leaf paper
Subject Dividers	Scientific Calculator	
Pencils	Textbook	

It is imperative that students bring textbook and materials to class everyday! Points will be deducted from daily participation grade if students are not prepared for class.

#### Grading Procedures

- Your grade in this class will be determined by:

Tests & Major Projects .....70%  
 (including regular tests, vocabulary tests, essays,  
 major presentations, quizzes, other)

Homework .....30%  
 (daily work, quizzes, group assignments, specials projects,  
 laboratory assignments, reading, computer-based assignments)

\*\*There will be a **comprehensive final exam** at the end of the semester and it will count 20% toward your final grade.

- All classwork must be kept in a three ring binder with the date that the activity was completed at the top of the page. It is the student's responsibility to keep his/her notebook in order. At the end of each 9-week grading period, a notebook check will be given.
- The notebook shall be divided into the following eight (8) sections:  
 Syllabus, Grade Sheet (you will be responsible for keeping an accurate record of each grade received),  
 References, Bell-work, Notes/Guides, Homework, Worksheets, and Laboratory Activities.
- Homework should be completed in pencil. If you desire to use a pen, ensure that it is neat! I will not grade any homework assignment that I cannot read. All assignments must include student's name, date, assignment, and period.
- Special Projects and papers will be announced in advance.

## Make-Up Work

- It is **YOUR** responsibility to make up work you have missed. If you are absent and your absence is excused, it is your responsibility to check the Google Classroom & “While You Were Out Folder” for missed assignments. Missed assignments are due the next school day upon your return unless otherwise indicated. If the assignment is not submitted the next day, the student will receive a zero for the missed assignment(s).
- I will not ask for your missed work. This is an effort to promote student accountability, responsibility, and maturity.
- All make-up work must be completed and turned in within two (2) days of the absence.
- Missed tests can only be made up if the absence is excused. These tests are administered during Patriot Path on scheduled days in designated days Room. The student is extended two opportunities to make up a test. Tests are administered the first Thursday following the missed test. If the test is not made-up, the student will receive a zero for that test grade.
- If you miss a laboratory activity, you will not be able to make it up. As an alternative, you will be required to write/type a 2 page report to be selected by the instructor.
- Extended absences will be considered on an individual basis.

## Classroom Policies and Procedures

Procedures are definitely a part of our daily lives. Procedures are followed by motorists and pedestrians, passengers boarding a plane, athletes who play sports and individuals that work in various capacities from day to day. Therefore, my class is no exception. Again, procedures are vital for efficient functioning.

## Bell-Activities

Upon entering the classroom, there will be a bell-work activity on the board. Generally, this activity will last approx. 5-10min. depending on the depth of the question. It is critical that you begin the activity as soon as you enter the classroom. It may include, but not be limited to, vocabulary, critical thinking questions, and responsive writing, including homework questions, class discussions, and reading material.

## Classroom Rules

1. Be in your seat and ready to begin when the bell rings.
2. Bring all needed materials to class (books, notebook, paper, pencil, etc).  
We will work EVERY day. Therefore, it is imperative that each student brings all needed supplies each day.
3. Speak at appropriate times using appropriate language and voices.  
It is extremely important that we respect those who have the floor. If you have a comment or question, please raise your hand to be recognized.
4. Be respectful of others and other’s property!
5. Do not bring food or drink into the classroom or lab.
6. Go to the restroom between classes and other allotted breaks.
7. Dismissal at the end of the period.
8. Do not leave your seats for any reason without permission from the instructor.
9. Obey all school rules.

## Consequences for Violations of Classroom/School Rules

- First Offense: Verbal Warning
- Second Offense: After School Detention/Parents or guardian called
- Third Offense: Discipline Referral

*\*Severe disruptions or offensive behavior will not be tolerated! Students will be sent immediately to a school administrator.*

## Additionally,

- The academic misconduct policy of the school will be followed in this course.
- The attendance policy of the school will be followed for this course.
- All requests for accommodations, for this course or any school event, are welcomed from students and parents.
- Any student who receives failing grades during this course is urged to discuss this with the instructor.

## Tentative Course Outline

<p>Week One: Intro to Physical Science The Nature of Science, Methods of Science, Standards of Measurement, Getting Acquainted with the Laboratory &amp; Laboratory Safety</p>	<p>Week Ten: Motion &amp; Speed</p>
<p>Week Two: Classification of Matter</p>	<p>Week Eleven: Forces</p>
<p>Week Three: Properties of Atoms and the Periodic Table</p>	<p>Week Twelve: Energy</p>
<p>Week Four: Elements and their Properties</p>	<p>Week Thirteen: Work and Machines/Thermal Energy</p>
<p>Week Five: Chemical Bonding</p>	<p>Week Fourteen: Electricity</p>
<p>Week Six: Chemical Reactions</p>	<p>Week Fifteen: Magnetism and its Uses</p>
<p>Week Seven: Solutions</p>	<p>Week Sixteen: Radioactivity &amp; Nuclear Reactions/NRG Sources</p>
<p>Week Eight: Acids, Bases, &amp; Salts</p>	<p>Week Seventeen: Waves/Sound/Electromagnetic Waves/Lights/Mirrors &amp; Lenses</p>
<p>Week Nine: Solids, Liquids, &amp; Gases (<i>Mid-term</i>)</p>	<p>Week Eighteen: Review &amp; Final Examination (Comprehensive!!)</p>
<p><i>Fall Break!!! ☺</i></p>	

“SHOOT FOR THE MOON AND EVEN IF YOU MISS YOU WILL BE AMONG THE STARS!!!!”



\*\*\*\*\***Read, Sign, & Return**\*\*\*\*\*  
(Detach)

Student's Name \_\_\_\_\_ Grade \_\_\_\_\_

Parent's Name \_\_\_\_\_

Daytime Number \_\_\_\_\_ Cell Number: \_\_\_\_\_

Parent's Email Address \_\_\_\_\_

**\*\* Email Address**

Parents, please provide an accurate email address that you check regularly. A distribution list will be set up, so that email updates may be distributed.

**\*\*\*Google Classroom/OWL Online Web Learning :**

Google Classroom is an on-line technology tool used to disseminate information & facilitate information delivery to the student. Due to the lack of funding, many of the assignments/handouts will be downloaded from Goggle Classroom by the student. To prepare for this, please indicate your home technology accessibility.

**\*\*\*\*Remind 101**

Remind 101 is a website that provides a safe way for teachers to text message or email students & parents.

Internet Access: \_\_\_\_\_ Yes \_\_\_\_\_ No

Print Capability: \_\_\_\_\_ Yes \_\_\_\_\_ No

Texting Capability: \_\_\_\_\_ Yes \_\_\_\_\_ No  
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**\*\*\*\*\* Laboratory Information:**

Allergic Reactions: \_\_\_\_\_ Yes \_\_\_\_\_ No

If so, please list specific Allergies/:

\_\_\_\_\_

List any medical conditions of which teacher should be aware:

\_\_\_\_\_

\_\_\_\_\_

Do you wear contact lenses? \_\_\_\_\_ Yes \_\_\_\_\_ No

Are you color blind? \_\_\_\_\_ Yes \_\_\_\_\_ No

I \_\_\_\_\_, acknowledge that I have received/printed a copy of Ms. Holden's  
Student's Name (Print Please)

Course Syllabus & Laboratory contract for Physical Science (2019-2020 academic school year). I understand these rules and expectations and agree to abide by them.

\_\_\_\_\_  
Parent's Signature

\_\_\_\_\_  
Date

\_\_\_\_\_  
Student's Signature

\_\_\_\_\_  
Date