

Practical Physical Science  
Course Syllabus: XSM271-272  
Mr. McGrane  
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### **Course Description**

This course will allow students the opportunity to discover and understand the role of physical science in their everyday lives. Students will be provided the skills and opportunity to read, write, think and apply aspects of chemistry and physics through the use of labs and activities.

Alignment to the Iowa Core Science Standards: *Physical Science aligns with the Iowa Science Standards and includes instruction in the following standards: HS-PS1 Matter and Its Interactions, HS-PS2 Motion and Stability: Forces and Interactions, HS-PS3 Energy and HS-PS4 Waves and Their Applications in Technologies for Information Transfer.*

### **Required Materials**

Each student must bring the following to class **DAILY**:

- Paper
- Pen or pencil
- Curious and open mind

### **Instructional Strategies/Assessments:**

A wide range of instructional strategies will be used in the course with an emphasis on hands on activities and experimentation. These activities will often be done with a partner or in small groups. Each student is expected to fully participate in all activities. Students are expected to complete and turn in assignments accompanying an activity, even group activities, unless specified by the teacher.

Assignments are a vital part of this class. Assignments are due at the beginning of the next class unless otherwise specified. Students who consistently complete in-class assignments and homework will do well in the course overall.

Short quizzes will be given periodically to check understanding. Quizzes may be given without prior notice. After each major unit, not necessarily after each chapter, students will complete a project.

### **Unexcused Absences**

1. After first unexcused absence, attendance secretary sends AIR to teacher(s), AP, counselor
2. Teacher meets with student and calls or e-mails parents, updating AIR then and after any other interventions and student / parent contacts
3. After second unexcused absence, AP meets with student and calls or E-mails parents, updating AIR then and after any other interventions and Student / parent contacts
4. After subsequent unexcused absences, AP meets with student, calls or E-mails parents, and implements further interventions listed on AIR
5. If student continues to have unexcused absences, AP meets with parents and student signs Attendance Agreement
6. If conditions of Attendance Agreement are not met, AP may drop class and student loses credit

### **Excused Absences**

Excused Absences will be handled individually in the AP Office. Please discuss with an AP, counselor, or nurse if you have concerns about a specific student.

### **Tardy to Class**

1. After third tardy, attendance secretary sends AIR to teacher(s), AP, counselor
2. Teacher meets with student and calls or e-mails parents, updating AIR then and after any other interventions and student / parent contacts
3. After fifth tardy, AP meets with student and calls or e-mails parents, updating AIR then and after any other interventions and student / parent contacts
4. After subsequent tardies, AP meets with student, calls or e-mails parents, and implements further interventions listed on AIR
5. If student continues to be tardy, AP meets with parents and student signs Attendance Agreement
6. If conditions of Attendance Agreement are not met, AP may drop class and student loses credit

### **Electronic Devices**

Electronic devices are to be silenced and put away during class time unless specified by the teacher. Earphones should also be put away during direct instruction. The teacher is not responsible for damage or theft of any electronic device or accessory brought into the classroom by the student.

**Evaluation and Grading**

Your grade will be based on the following areas:

- Daily Assignments
- Labs and Projects
- Current Events
- Quizzes

93-100% A	72-76% C
90-92% A-	70-71% C-
87-89 % B+	67-69% D+
82-87% B	62-66% D
80-81% B-	60-61% D-
77-79% C+	0-59% F

**Behavioral objectives:**

1. **Respect** yourself, others, and school property at all times. It's the right thing to do!
2. **Be kind to everyone.** Yes, everyone, always.
3. **Be on time.** You have so much to learn that we don't have time to waste. ...
4. **Do your work.** Always give your personal best! You will feel better when you do. If you need help, ask! It's my job to assist you.
5. **Be creative!** Take positive risks; share yourself and your ideas with us. You'll be amazed by how much you know that we don't.

We look forward to a fun and productive year of learning! If you have concerns, please contact Craig McGrane. 552-5360 or [cmcgrane@dbqschools.org](mailto:cmcgrane@dbqschools.org)

Please detach and complete the section below to confirm you have received and read the class syllabus. Return the completed section to Mr. McGrane

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PHYSICAL SCIENCE SYLLABUS 2017-2018

Student Name (Print): \_\_\_\_\_

Student Signature: \_\_\_\_\_ Date: \_\_\_\_\_

Parent/Guardian Signature: \_\_\_\_\_ Date: \_\_\_\_\_