

7th Grade Science

Room 216

Mr. Drye

pdrye@pointeschools.org

Tutoring Hours

2:35pm-3:30pm Mon. & Wed.

Course Description

Welcome to 7th Grade Honors Science! This course is designed to help students gain a better understanding of the world around them. Students will learn about the scientific method, electric and magnetic forces, gravity, and Newton’s Laws. They will also explore changes within Earth, plate tectonics weather and climate. Students will focus on understanding phenomena through cause and effect, stability and change, and energy and matter. Cell structure and function will be reviewed to gain a better understanding of the building blocks of life. Internal stability of plants and animals will be understood. Environmental factors impact on life will also be understood.

| Semester 1 (Fall) | Semester 2 (Spring) |
|--|--|
| <ul style="list-style-type: none">• Waves, Electricity, and Magnetism• Gravity, Motion, and Newton’s Laws• The Solar System, Universe, the Earth, and Moon System• Earth’s structure, rocks, minerals, fossils, and plate tectonics | <ul style="list-style-type: none">• Weather, Climate, and the Hydrosphere• Cell Structure and Function• Plant Internal Structure and Function• Tissue and Organ Systems |

*Instructor reserves the right to modify the syllabus and schedule as necessary to facilitate the objectives of the course.

Text:

McGraw-Hill. (2017). *iScience: Physical*. McGraw-Hill Education: Columbus, OH.

McGraw-Hill. *iScience: Life*. 1st Edition. (2016). McGraw-Hill Education: Columbus, OH.

McGraw-Hill. *iScience: Earth and Space*. 1st Edition. (2016). McGraw-Hill Education: Columbus, OH.

(\$100.00 to replace if lost or damaged.)

Course Expectations and Rules

Please follow the student handbook for all the rules and expectations set by North Pointe Prep. These rules can be found in the classroom.

- **Be on time:** When the bell rings, students are expected to be in class, sitting in their assigned seats.
 - Students who are absent are responsible for asking for make-up work. Students will have 2 workdays per 1 day absent to make up the work. After the two days, the assignment will receive a zero grade.
- **Respect yourself and others:** Students are expected to be respectful to all their fellow students and teachers. This includes speaking at appropriate times, following directions, and listening to others when they are speaking.
 - Students must raise their hands and wait to be called on to speak.
 - If a student does not raise his/her hand, an email will be sent home regarding their behavior.
 - If this behavior continues, the student will serve lunch detention or be referred to administration for further consequences.
 - Students must raise their hand to get out of their seat.
- **No recording on campus:** If you record anything on campus without administrative approval it could lead to disciplinary action. Please do not record things on campus unless the school tells you that you can. There are certain events in which pictures or video may be allowed.

Grades

You may access our Online Academic Resource through the “Student Grades” link on northpointeprep.com. Check the student handbook for more information.

Grade Makeup

| | | |
|------------|------------|------------------------|
| Quarter #1 | Quarter #2 | Semester #1 Final Exam |
| 45% | 45% | 10 % |
| Quarter #3 | Quarter #4 | Semester #2 Final Exam |
| 45% | 45% | 10% |

Class Requirements

For this class, you will be required to have the following items each day:

- A writing utensil – Pencil or Blue/Black ink pen.
- Lined Paper 1 Notebook that will be used the entire year.
- 1 inch 3 ring binder to leave in class.

- A smart phone to complete bell work is helpful but paper is available.
- A positive attitude!
- A computer can be used in class to complete assignments online.
 - o **Note-** teacher can take away computer and phone privileges for inappropriate use/ give paper to complete assignments.

Lab Activities

Students will be involved in lab activities. These activities may involve specialized equipment and/or chemicals. It will be important for students to follow directions during these activities. Because there are safety issues involved with lab activities, if students do not follow directions or do not maintain professional behavior during lab activities, then they will not be allowed to interact with the lab and will only be allowed to watch and take notes.

Make-up and Late Work

Labs, projects, and assignments are due at the end of class on the date assigned unless it is a multi-day in-class assignment.

Late work will not be accepted unless it is late due to an excused absence. If a student is absent, it is his/her responsibility to make up all the work missed during the absence.

- A student has two days for each excused absence to complete missed assignment, but it shall not exceed more than one week without administrator approval.
 - o For example, if a student was absent Monday and comes back Tuesday, the work is not due until Wednesday of the same week.
- If a test is missed while a student is absent, the student will make up the test during tutoring time on the day he/she returns. A missed quiz will be made up at the teacher's discretion.
- A student who has an unexcused absence will receive a zero on class work.

Mandatory Tutoring

Students will be placed in academic probation if his/her grade falls to an "F". Students will have to attend mandatory tutoring when his/her grade falls below a "C". Mandatory tutoring is every Monday and Wednesday from 2:35-3:30pm. Please refer to the student handbook for additional information.

*Once enrolled, North Pointe does not accept course credit from other high school or online institutions.

Electronic Devices

Cell phones may be used at the beginning of class to complete bell work assignments. Computers can be used in class to complete assignments. As long as students use these electronic items to complete their work, they will be allowed to continue using these electronic devices for approved activities. All non-class-related items must be removed from the desk and may not be touched, used, or referred to during class.

- Classroom Warning- If I see a phone and it is not being used for an approved activity, I will warn everyone!
- Students who are caught using any electronic device inappropriately will have it confiscated and returned at the end of class.
- Students who are caught a second time will have it confiscated and an administrator will pick it up from the classroom. The student's parent will be required to retrieve the electronic device at the end of the school day in the 4 A Center.
- Recording using any electronic device on campus is not allowed without administrative approval and will lead to disciplinary action.

Communication

The best way to reach me is by email. Please feel free to contact me at pdrye@pointeschools.org.