

ASTRONOMY
MISS. COHN

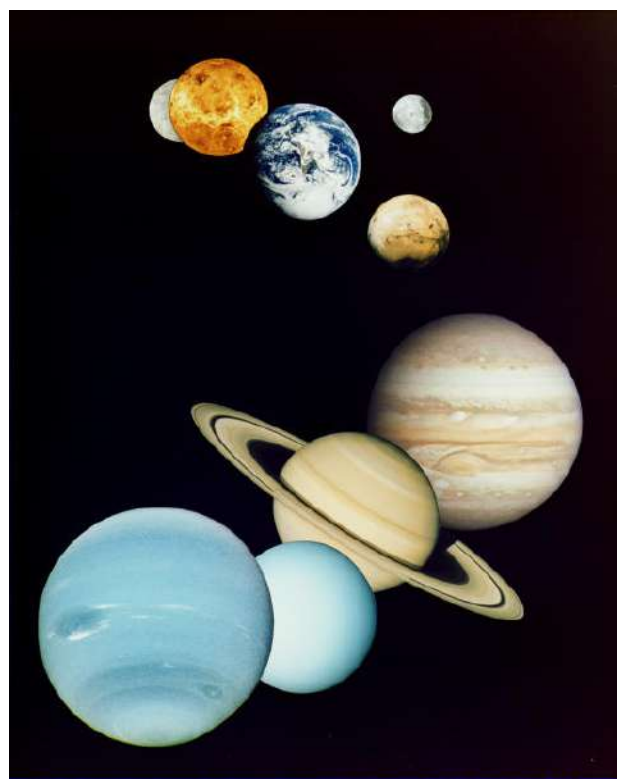
Email: MCohn@newpaltz.edu.k12.ny.us

Room #211

Extra help: M,W,F 2:30-3/3:15

Course Description:

This astronomy course is actually part of your earth science regent's curriculum! The astronomy section of earth science is broken down into a 10 week course which you are taking now as a separate section. It is important that you understand that all topics (listed below) will be included in your earth science regents in June. With that being said, all course documents should be SAVED to refer to at the end of the year as this is part of the regent's course.



There are two main units we will cover with their sub units listed below:

Unit 1: Earth in the Universe

- I. Origin and Age of the Universe (The Big Bang Theory)
- II. Stellar Evolution and Classification (The study of stars)
- III. Our Solar System (planetary models, movement, structure)

Unit 2: Motion of the Earth, Moon, and Sun

- I. The Lunar Cycle (phases of the moon, tides, solar and lunar eclipses)
- II. Apparent Motions of Celestial Objects (stars, planets, the moon, the sun)
- III. Actual Motions and their Effects (rotation vs. revolution of the earth)
- IV. The Reason for the Seasons and the Seasonal Path of the Sun

Materials Needed

- 1.) 1/2" binder or a section of your earth science binder to store handouts and readings
- 2.) Writing utensils- all lab work is required to be done in pencil
- 3.) Use of a **basic calculator** (not your cell phone)

Grading:

Homework Assignments: 10%

Lab work: 30%

Exams: 40%

Astronomy Final: 20%

Lab Work: There is a 25 lab minimum at New Paltz to qualify to take the earth science regents in June. The labs that we do in this class will count towards that total! All labs are expected to be turned in on time (deadlines are always announced during class). Lab grades that fall below a 65% will not

count towards the regents requirement. Any lab below a 65% should be redone with Miss Cohn after school for a passing grade. Students are allowed to improve lab scores with revision during after school hours but during an honorable time frame (This means to come in to improve a lab within one week of the lab being entered into the grade book).

Late Work: Labs are deducted 10 points (10%) per class day late.

Homework: Checkpoint assignments will be posted on Castlelearning.com. All students will be given time in class at the start of the quarter to set up these accounts. To log in to castle learning, a student should enter “NPZ-normalschoollogin” OR their school email can be used followed by the password they choose at set up time (please email me if you need a reset before the assignment is due). Castle learning assignments are graded homework assignments and are due at the start of class the day they are due. Students can correct their answers for full credit back during a second try on the assignment. Written homework assignments handed out in class will be given an effort grade based on completion and are reviewed at the start of class (100-done, 50-incomplete, 0-not done).

Quizzes/Exams: Quizzes (counted 1x in this gradebook category) are typically given every other week, and exams (counted 2x) at the end of a sub unit.. If a student is absent prior to an exam being given, they may take the exam on the day following if they were absent on a day that new material was being covered. We usually review during the class before an exam is being given (no new material is taught). The final is given at the end of the 10 week course and counts as 20% of the total quarterly average. Please note: There are no exam “re-takes.” If a student wants to improve their scores, they should adjust their work and study habits and seek extra help from their teacher as all material will be covered again on the final, and of course the regents at the end of the year. There are optional exam (not quiz) corrections for 25% improvement. A student must come in to do these corrections during extra help hours to receive the credit and provide written explanations for their errors/misunderstandings to demonstrate metacognition.

Parents and Students: Please read over these expectations and sign the attached form to ensure that you and your student have both read through these expectations.

Astronomy: Course Expectations Notice

Students Name: _____

Student Signature: _____

Parents Name: _____

Parents Signature: _____

For Parents:

Is there any additional information you would like to include that would be helpful towards bettering the success of your child?