

Astronomy

Teachers: Mr. Clark

Room: D-10

Conference: 3rd Period

Tutoring: Thursday Mornings 810 to 840 and Monday 405-430

E-mail: mclark4@neisd.net ****best way to contact me*****

Webpage: <http://mclarkmadison.weebly.com/>

Introduction:

Astronomy is a year-long course in which we will explore our Universe. We will focus heavily on projects, research, and observations. Our course will include historical aspects of astronomy all the way up to cutting edge science. We will learn about and participate in current research while having a great time.

Topics will include: The Origin of the Universe, Galaxies, Timeline of Astronomy, Movements across the Sky, Reasons for the Seasons, Telescopes, The Earth's Place, Role of the Moon, Role of the Sun, Characteristics of Planets, Discovering Space and Life and Death of Stars.

Current information about what students are doing in class and their assignments will be posted regularly on my website listed above. Grades will be updated regularly on parent portal. If it does not contain the information you are looking for please E-mail me.

Course objectives:

- Gain a better understanding of our place in the Universe
- Explore the historical importance Astronomy
- Gain an understanding of the current state of research in Astronomy
- Contribute to current research in Astronomy
- Posses a working knowledge of the sky above

Grades:

I employ a variety of techniques to evaluate and challenge my students. Techniques include but are not limited to: projects, word problems, multiple choice, true/false, and completion questions. Research and presentations will be assigned and evaluated primarily for scientific content and thought processes. Any course material the student produces (including notes) may be used on cumulative tests if it is **hand written**.

Grades will be assigned according to the following categories and percentages.

Tests	– <u> 30 </u> %
Labs/Projects	– <u> 30 </u> %
Quiz	– <u> 20 </u> %
Hw/CW	– <u> 20 </u> %
Total	– <u> 100 </u> %

- Students should expect homework regularly in class. This **WILL** include research, observations, and completion of class assignments not finished within the allotted class time. Homework is late if it is not completed **before** the beginning of the due class.

- Each unit of instruction will include research and/or presentations. Most classwork activities will be done cooperatively with either an assigned partner or in groups.
- Observation Logs will be required and graded each grading period
- Most assignments will be turned in **online or presented** in class. Please indicate your full name, class period, and date.
- **LATE WORK:** Work is late if it is not completed **before** the beginning of the assigned due class period. Late work will be accepted until the material it covers has been assessed or until the next progress report cutoff date (in accordance with district policy. All late work will have a 20% penalty.)

Materials:

Students will need the following materials for class

- **Pencils** (mechanical is okay)
- **Pen**
- **2 Composition books** (minimum of 80 pages college ruled)(one goes with you the other stays in the class)
- **One ~0.35 cent white poster board(The cheap one.....do not buy the super thick version)**
- **Glue sticks**

Student Responsibilities:

Remember only you are responsible for the outcome in this class. If you CHOOSE to succeed you will find a way. If you CHOOSE to fail you find a way. It is the CHOICE you make that determines the outcome.

Students should follow the following guidelines to ensure their success in this class.

Choose to do your best.

Listen respectfully to the teacher and other students.

Follow all school rules

Follow all of the teachers' directions.

READ

If you are having trouble TALK to me. I can help.

Students who are unable to follow these basic requirements will find that they will have a very hard time completing assigned work and passing this course. Discipline problems will be handled progressively:

1. Student warning
2. Student conference
3. Parent phone call
4. Office Referral