

**SCI 7 ADVANCED Course Outline**  
**Mrs. Anna Murchison**  
[anna.murchison@nlcinc.com](mailto:anna.murchison@nlcinc.com)

In this course, students will have the opportunity to explore, in a variety of ways, topics relating to Physical, Earth, Space, and Life Science. Enrichment through lab activities and project-based learning will provide students with a unique, hands-on approach to learning. Science at the 7th grade level will reinforce Biology covered in the 5th and 6th grade, but will be taught at a higher level to expand student knowledge. Textbook material will be reinforced through class discussion, note-taking, lab activities, projects, and field experiences. These activities have been thoughtfully designed to provide students with the chance to personally explore scientific principle as they engage with the natural world.

**Course Content:**

- Safety and Scientific Process
- Chemistry
- Forces and Motion
- Characteristics of the Universe
- Astronomy
- Living Systems and the Environment

**Recommended Resources:**

Resources we will use this year include the following:

Science Fusion Textbook, iPad Applications, Science Note-booking

**Assessment:**

A variety of methods will be used to assess student knowledge of content material. They include:

Exams	Study Guides
Projects	Class Participation
Lab Experiments	Homework
Activity Sheets	Newsela Articles; Binder Checks

**Mark Breakdown:**

Homework:	10%
Assessments	50%
Quizzes	25%
Class Work/Labs	<u>15%</u>
TOTAL	100%

**Classroom Procedure:**

- Be on time, on task, and prepared to learn EVERYDAY
- Respect the teacher, the classroom, other students, and yourself
- Be responsible for your own learning
- Clean up after yourself and help your peers
- iPad is utilized in class as a learning tool - NO GAMES
- HONOR , RESPONSIBILITY, RESPECT

**Behavior Consequences:**

*1st offense - Verbal Warning*

*2nd offense - 2nd Verbal Warning and Contact Parents*

*3rd offense - Detention and Contact Parents*

*Note: Extreme misbehavior will result in an office referral regardless of warning.*

**Homework and Assignments:**

One of the important indicators of your success in this course is completing and turning in homework on-time. Expect science homework every night except for most weekends. There may be occasional, weekend homework. Assignments are due at the BEGINNING of each class on the due date. A mark will be given on completeness and quality. No mark will be given if the homework is not complete by the beginning of each class. PLEASE REFER TO THE ALMA CALENDAR EACH WEEK FOR HOMEWORK ASSIGNMENTS AND DUE DATES FOR THE WEEK.

**Marks will be deducted in accordance with THRS policy for late assignments - 20% the first day late. On the 2nd day late, the assignment grade will become a "0." Assignments handed in two or more days past due will not be accepted.**

Re-writing of assignments or retaking of tests in order to obtain a higher mark will not be permitted.

**Science Fair:**

Students are required to take part in the THRS annual, Science and Engineering Fair. This will begin during the 1st Quarter, mid-September and be completed in the 3rd Quarter in order for the overall, THRS winner to participate in the area-wide science fair. Science and Engineering Fair projects may be done individually or with a partner, and are to be completed outside of school.

**Reading Logs:**

Reading assignments are required each Quarter to enhance non-fiction content comprehension and vocabulary development. Students are required to read at least 5 assigned articles on [newsela.com](http://newsela.com) each Quarter. For each article, students must complete the quiz and writing prompt if provided. Students must also complete at least 3 annotations per article. A grade will be given.

**Achievement:**

Student success in this course depends on the student. Everything counts: respect, class participation, daily homework, in-class assignments, projects, tests, quizzes, organization and neatness.

If a student has trouble understanding content material or requirements for an assignment, he or she should see me immediately. Don't wait until the assignment is due or the day before a test.

**Take responsibility for your education.**

**7TH GRADE SCIENCE COURSE OUTLINE ACKNOWLEDGEMENT  
2018-2019**

PLEASE READ/SIGN/DATE AND RETURN THIS ACKNOWLEDGEMENT TO  
MRS. MURCHISON. **BRING YOUR COURSE OUTLINE BACK TO SCIENCE CLASS.**  
**YOU WILL KEEP IT IN THE FRONT OF YOUR SCIENCE BINDER.** WE WILL SET  
THAT BINDER UP IN CLASS ON THURSDAY, 8/16/18.

SIGNATURE OF PARENT: \_\_\_\_\_ DATE: \_\_\_\_\_

SIGNATURE OF STUDENT: \_\_\_\_\_ DATE: \_\_\_\_\_