

# W.T. EICH MIDDLE SCHOOL

## Seventh Grade Science

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### **COURSE OUTLINE:**

7th Grade Integrated Science follow the National Next Generation Science Standards [NGSS] and will focus on:

- **Physical Science:** (1<sup>st</sup> trimester) Atomic structure, Matter, Reactions and Thermodynamics.
- **Life Science:** (2<sup>nd</sup> trimester) Biodiversity, Ecosystems, Energy flow and Human impact.
- **Earth Science:** (3<sup>rd</sup> trimester) Geological events and Resource distribution.
- **Health:** (3<sup>rd</sup> trimester) Positive Prevention Sexual Health Education.
- **Engineering/Design:** (STEAM) Developing & using models, Investigating, analyzing & interpreting data, Constructing explanations, Designing solutions, and Evaluating & communicating information.

### **REQUIRED MATERIALS:**

- \* **Spiral binder** (plastic cover best)
- \* **Pencil or Pen** (a must - daily)
- \* Glue sticks
- \* Highlighter
- \* Colored Markers/Pencils

### **OPTIONAL / CLASS DONATIONS**

- Folder to hold tests & projects
- Colored Markers/pencils (any kind)
- Construction paper (any kind)
- Glue sticks / Scissors / Rulers
- Facial tissue

**TEXTBOOKS:** Science is beginning a new adoption and will be previewing a variety of resources. We predominantly use current readings rather than textbooks. If interested, there are three books used as reference with our content areas. These books are on-line for access or may be checked out at any time from the library.

Books and laboratory equipment are the property of the school and if they are damaged, destroyed, or not returned, the student will be held responsible for the replacement cost.

**WEBSITE/GOOGLE CLASSROOM:** These are set up for students and parents/guardians to assist understanding and expand knowledge within the content areas. These contain power points, text sets, assignments, rubrics and extension sites. [Spanglerscience.tripod.com](http://Spanglerscience.tripod.com)

### **GRADING POLICY:**

Grades will reflect achievement scores within each science domain for seventh grade science. Grades are on-line for access at all times to stay current on scores and missing assignments. Academic content (summative work) shows the students knowledge of a content area through tests, writings, projects and presentations. Academic behavior (formative work) will be the day to day lessons and activities to enhance learning and understanding of the subject matter and will not be a part of the student's grade.

ASSIGNMENTS are due on the day set by the teacher. Homework is infrequent and usually for students that did not complete assignments in class or those that would like to review lessons for further understanding or study. Assignments will be accepted for two weeks after the due date, with deduction. On-line grades can show completion, late, or missing assignments.

ABSENT students are responsible for all missing class work. It is the student's responsibility to find out what work was missed by checking with classmates, assignment board, and class website. If absent the day of a test, it will be expected that the test will be taken the day the student returns or arrangements should be made with the teacher. Some activities are hands-on and can not usually be made up, which will require alternate assignments for excused absence only.

RE-DO'S/RETAKEs are offered at the discretion of the teacher. If available, a one-time retake will occur in a timely fashion after the initial assessment. A re-do ticket will be required in order to participate in the retake to show additional effort towards understanding the information. All formative work must be completed for this option. A retake can not exceed a 6 on the rubric.

\*Keep all course work from this class. Proof of assignment and test grades will help if ever a discrepancy of a grade occurs.

## **BEHAVIOR:**

Students are expected to follow all school rules and expectations of "The Wildcat Way".

SAFE- follow directions and rules and keep backpack under table.

RESPECTFUL- towards classmates, teacher, supplies/equipment, and appropriate language.

RESPONSIBLE- be on-time, ready and open to learn, have supplies present, and work completed.

\*Success in following the above behavior expectations will result in rewards at the teacher's discretion. Options may include selection from a treat box, cat paw cash, or preferential seating.

\*Failure to follow the above behavior expectations will result in the following consequences:

1. Warning
2. Classroom detention
3. Call/Conference
4. Office Referral

## **EFFORT:**

I believe school is a student's job and key components are attendance, effort in gaining understanding, and application of knowledge. I expect students to be prepared, behave appropriately, participate in the class discussions, and complete their work to attain success.

Thank you for your cooperation and I am looking forward to an exciting and rewarding year of science. Feel free to email at any time to check in.

ETS

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