

## EIGHTH GRADE SCIENCE AND HEALTH

### Objectives-Science:

- Safety, measuring, scientific method
- Properties of matter
- Energy forms, work
- Chemical reactions
- Force, motion
- Periodic table, elements, compounds
- Waves, energy
- Electricity, magnetism
- Simple machines
- Mixtures

### Objectives-Health:

- Healthy habits
- Factors that affect health
- Changes in aging
- Evaluate health information
- Outside factors on health
- Ways to stay safe and healthy
- Healthy communities

### Classroom procedures and learning methods:

- Laboratory, hands on and virtual
- Lab roles-Director, Materials Manager, Technician
- Vocabulary practiced in four ways
- There will be a vocabulary quiz for each chapter
- Health homework is due on Fridays and other specified days
- Tests will be chapter or unit tests
- Science fair required, begins in August through March
- Thinking maps, stem activities, technology, lecture, note-taking, videos, journaling, discussion
- Diverse instructional techniques will be used to help meet the varying learning needs of each student

### Material:

- Health textbook on Fridays and other specified days
- Science notebook
- Black pen
- Trapper

### Grading:

- 1<sup>st</sup> and 3<sup>rd</sup> quarter-40% Labs, 30% Tests, 20% Quizzes, 10% Homework
- 2<sup>nd</sup> and 4<sup>th</sup> quarter 25% Tests, Homework 10%, Quizzes 20%, Labs 35%, Midterm/Final 10%
- If a student receives a 1 in the gradebook that assignment is missing and needs to be completed within the allotted time or that grade becomes a 0.
- If your child is absent, they are responsible for turning in all missed work within three days (change from last year). For long illnesses, I will be flexible with makeup work. Makeup work not turned in on time will result in a zero.

### Online Textbook and resources-

- To access the Physical iScience textbook go to [connectED.mcgraw-hill.com](https://connectED.mcgraw-hill.com)
- The redemption code for the student account is: OFJF-8WTF-BRBO and the master code is:44VJ-8ONZ-CHE2-O5SP

I arrive at school each morning by 7:30 am students may come to my room early for extra help. If they need additional time they may schedule with me to meet at 7:15 am.

Looking forward to a wonderful and enriching year with your child