

Teacher: Ms. Brown
E-mail: kbrown@ttsd.k12.or.us
Phone: 503.431.5168
Website: msbrownclass.weebly.com

7th Grade Science Course Organizer

Student:

Period: Date:

Parent:

7th Grade Science

is
about

the fundamental nature of life, how structures of organisms contribute to life's functions, and how organisms interact with other organisms and the environment.

Course Goals

1. Students will become proficient in their knowledge all 7th grade State and District science standards in Life Science.
2. Students will use the scientific method to design labs, collect and analyze data, and draw conclusions.
3. Students will use literacy skills to comprehend, evaluate, and critique science concepts, text, and experiments as they become self-directed learners.

Grading / Levels of Proficiency

- Grades will be based on the mastery of skills and concepts based on the State and National Science Standards for 7th grade as well as the Oregon Diploma Essential Skills.
- For each standard, students will be given multiple opportunities to work towards exceeds, and meeting proficient level work.

Grades

- A. Exceeds:** In addition to meeting the course goals, students are able to make in-depth inferences and applications that go beyond what was taught in class. Majority of Exceeds (A) scores; no scores less than Meeting (B).
- B. Meets:** In-depth understanding of course goals. Majority of Meets (B) or higher, no more than one Progressing (C) score.
- C. Progressing:** Demonstrates understanding of basic course goals but there are errors or omissions of more complex ideas or processes. Mix of different scores; majority in Meeting (B) or Progressing (C) scores, no more than one No-evidence score.
- F. Insufficient Evidence** to measure learning; three or more scores of No-evidence

Materials and Supplies

- Text Book: Interactive Science, V1-3
- Binder with a science section, for notes and lab work
- Writing utensils: #2 pencils and blue or black pens, highlighter
- Planner – for recording assignment and use as a hall pass

Grading / Life Skills

Oregon Diploma Essential Skills

- ✧ **Participate:** Be engaged in class and give your best effort on all tasks.
- ✧ **Complete Work:** Turn in work on time, follow assignment directions, and correct work that is below proficient.
- ✧ **Follow Rules:** Adheres to schoolwide and teacher guidelines of conduct.
- ✧ **Collaborate:** Actively participate when working with partners and in groups. Focus on accomplishing group goals as directed.

Course Map

This Course: 7th Grade Science

Community Principles

Respect
Responsibility
Effort
Diversity
Safety

Learning Rituals

Course Organizer	Technology	Warm-Up
Unit Organizer	Google Docs	Self-checks
Notes / Journaling	Demonstrations	Study Guides
Reading strategies	Labs	Quizzes /
Learning strategies	Debates	Tests
Group / Partner work	Projects	Etc. . . .

Performance Options

Re-do work / tests
Graphic Organizers
Structured Reviews
Differentiated work
On-line resources
Multimedia Presentations
Choice



Critical Questions

What is life?
What are we made of?
How do we interact with our environment?
How do we use the Scientific Method?

Being a Scientist

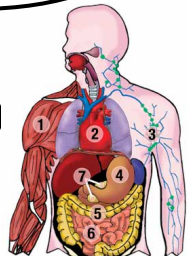
Ecology



Learned in these Units

Classification

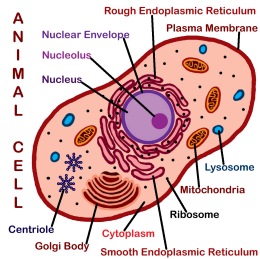
Body Systems



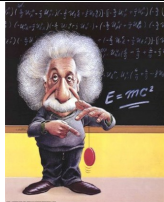
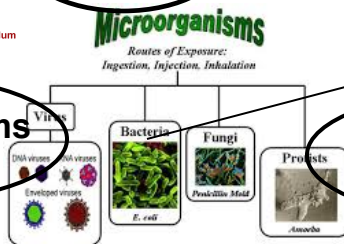
Botany

Heredity and Natural Selection

Cells



Microorganisms



This class is going to be as paperless as possible with the use of a classroom set of Mac Book Airls and students' Google Docs accounts. Many assignments will be accessed and submitted electronically to Ms. Brown. A signed parent permission form must be on file for use of the Districts' Google Docs. For more information please go to http://www.ttsdschools.org/pages/ttsd/Parents/Google_Apps_for_Students