

# 7<sup>th</sup> Grade Challenge Life Science With Ms. Erickson



## Required Supplies

Pencil

**Spiral Notebook**

Planner

AR Book

Life Science Workbook

*Colored Pencils (recommended)*

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## Course Description

A year-long introductory life science course that integrates middle school biology with chemistry and metrology content and the history and nature of science. This course introduces basic science concepts through inquiry labs, models, and hand-on activities. The topics covered are; cells, ecology, classification, human body, genetics and evolution, properties of matter, chemical changes, meteorology, and environmental concepts. Students will develop skills of scientific inquiry and laboratory investigations. This course is designed for students with a strong interest in science and who desire a more in-depth science experience. Challenge Science 7 prepares students for Challenge Science 8 and advanced high school science courses.

### 7-9 Challenge Science Sequence

7<sup>th</sup> Grade Life Science with Meteorology

8<sup>th</sup> Grade Earth Science with Physics

Pre-AP/Regular Chemistry or Biology

### 7-9 Regular Science Sequence

7<sup>th</sup> Grade Life Science

8<sup>th</sup> Grade Earth Science

9<sup>th</sup> Grade Physical Science

### Missing and Late Work

- Most assignments are found at the class website [www.stephsnature.com](http://www.stephsnature.com) or at file box next to the classroom door.
- Extended Day Homework Club will be assigned for students with a C- or lower.
- 10% will be deducted for assignments turned in late
- Doing a Science World or Science article summary can make up labs and Activities.
  - Make-up work and Science worlds are found in the file box next to door

### Major Themes For The Year

1. Ecology and Meteorology
2. Cells
3. Genetics and Chemistry
4. Evolution

### Course Content:

This course will cover the St. Paul Science Standards for 7<sup>th</sup> grade challenge science. These standards can be found at:

[http://curriculum2.spps.org/Challenge\\_Science\\_7.html](http://curriculum2.spps.org/Challenge_Science_7.html)

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**Homework: Take this home and have parents sign it. Return next class period. Due at beginning of next class. Supplies due Monday.**

Your Name \_\_\_\_\_

Your Signature \_\_\_\_\_

Parent Signature \_\_\_\_\_