

# overview

# i can

## 5<sup>th</sup> GRADE

In 5<sup>th</sup> grade we will study a range of topics. They are as follows:

- ❖ STRUCTURE AND PROPERTIES OF MATTER
- ❖ PHYSICAL AND CHEMICAL CHANGES
- ❖ PLANT AND ANIMAL NEEDS
- ❖ MATTER IN ECOSYSTEMS
- ❖ INTERACTIONS OF EARTH'S MAJOR SYSTEMS
- ❖ PATTERNS OF EARTH'S CHANGING FEATURES

## 6<sup>th</sup> GRADE

In 6<sup>th</sup> grade we will be studying Earth Science. We will focus on:

- ❖ EARTH'S PLACE IN THE UNIVERSE
  - ❖ THE UNIVERSE AND ITS STARS
  - ❖ EARTH AND THE SOLAR SYSTEM
- ❖ EARTH'S SYSTEMS
  - ❖ PLATE TECTONICS
  - ❖ EARTH'S WATERS
  - ❖ WEATHER AND CLIMATE
- ❖ EARTH AND HUMAN ACTIVITY
  - ❖ NATURAL RESOURCES
  - ❖ HUMAN IMPACT ON EARTH
  - ❖ NATURAL HAZARDS



## 5<sup>TH</sup>

- ✓ I can make observations and measurements to identify materials based on their properties
- ✓ I can support an argument that the gravitational force exerted by Earth on objects is directed down
- ✓ I can use models to describe that energy in animals' food (used for body repair, growth, motion, and to maintain body warmth) was once energy from the sun.
- ✓ I can support an argument that plants get the materials they need for growth chiefly from air and water.
- ✓ I can develop a model to describe the movement of matter among plants, animals, decomposers, and the environment
- ✓ I can develop a model using an example to describe ways the geosphere, biosphere, hydrosphere, and/or atmosphere interact.
- ✓ I can obtain and combine information about ways individual communities use science ideas to protect the Earth's resources and environment.

## 6<sup>TH</sup>

- ✓ I can develop and use a model of the Earth-sun moon system to describe the cyclic patterns of lunar phases, eclipses of the sun and moon, and seasons.
- ✓ I can develop and use a model to describe the role of gravity in the motions within galaxies and the solar system.
- ✓ I can construct an explanation based on evidence for how geoscience processes have changed Earth's surface at varying time and spatial scales.
- ✓ I can develop and use a model to describe how unequal heating and rotation of the Earth cause patterns of atmospheric and oceanic circulation that determine regional climate.
- ✓ I can apply scientific principles to design a method for monitoring & minimizing a human impact on the environment.
- ✓ I can construct an argument supported by evidence for how increases in human population & per-capita consumption of natural resources impact Earth's systems.

# WELCOME TO

# 5<sup>th</sup> and 6<sup>th</sup> Science



# Mrs. O'Shea

Room #205

Parents: [coshea@sjfschool.net](mailto:coshea@sjfschool.net)

Students: [coshea@sjfschool.us](mailto:coshea@sjfschool.us)

# expectation

# grades

# technolog

#bekind  
#stayengaged  
#workhard



**Beginning of class** → Come in and take a seat. Take out your materials. Start the bell ringer or board work. Copy the days lesson in your table of contents

**During class** → Be an active participant in your learning. Listen, collaborate, and ask questions.

**End of class** → Stay in your seat until your table is dismissed. Copy your homework into your agenda.

**\* Please no spinning in your seat. If you spin you will lose your lab seat for a week.**

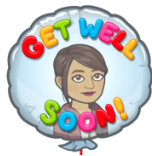
## required

- ✓ Fully charged Chromebook (6<sup>th</sup>)
- ✓ Writing utensil
- ✓ Coloring supplies
- ✓ Science Journal and Notebook
- ✓ A positive attitude



All grades are kept current in Powerschool. It is your CHILD's responsibility to make sure all assignments are turned in. Grades will be weighted as follows:

- 10% Homework
- 15% Classwork
- 15% Quizzes
- 30% Tests
- 30% Projects/Labs



### LATE WORK:

- 1 day late= 50%
- 2+ days late= 0%

### Absences:

Make-up work is accepted ONLY for excused absences. When absent, come in early the day you return and check with me for any missed work. **IT IS YOUR RESPONSIBILITY TO RESCHEDULE MISSED ASSESSMENTS!**

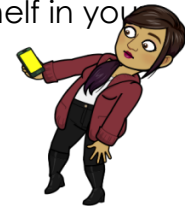


### Grading Scale:

#### Academic Policies

A+ 99 – 100%	C 79 – 82%
A 95 – 98%	C- 77 – 78%
A- 93 - 94 %	D+ 75 – 76 %
B+ 91 - 92 %	D 71 – 74%
B 87 – 90 %	D- 69 – 70 %
B- 85 - 86 %	F Below 69 %
C+ 83 – 84 %	

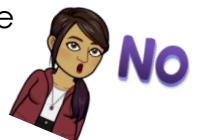
- ❖ Chromebooks (6<sup>th</sup>)
- ❖ Powerschool
- ❖ Instagram- **sciencewithoshea**
- ❖ Blogs
- ❖ CELL PHONES are not allowed in class. They must be shut off and left on the shelf in your locker.



## academic

Academic dishonesty will NOT be tolerated under any circumstances. Cheating, copying, or plagiarism of any form will result in the following consequences:

- failure of the assignment
- detention- as stated in the handbook
- parent contact



**JUST DON'T DO IT.**