



Teacher: Heather Bowling-Duque

Email: hduque@yisd.net

Google Classroom Code: refer to first page of student ISN

Remind Class Code: Enter-81010 Text-@hbowlingdu

Conference: M-F 8:33-9:18

Course Code/Name

S614 6 SCIENCE PRE-ADVANCED PLACEMENT (YWLA ONLY) PEIMS# 02830000

Course Description:

The study of science includes conducting field and laboratory investigations using scientific methods and tools. Students will use critical-thinking and problem solving skills to identify components of the solar system, properties of elements, force and motion, Earth's structures and cycles, organisms and environments. **Science fair participation is required.**

Workshop Day/Time:

Tuesdays 3:30-4:05 or by student initiated appointment

Calendar (subject to change due to tests, holidays, early release days, and unforeseen circumstances):

<https://www.yisd.net/Page/2#calendar1/20190822/month>

FALL

1st 9wks Overview

- Teacher will give a general overview of topics to be covered first 9 weeks.
 - Intro: Processes for Scientific Investigation and Safety
 - Unit 01: Investigating Chemicals
 - Unit 02: Investigating Properties of Matter

2nd 9wks Overview

- Unit 03: Investigating Force and Motion
- Unit 04: Investigating Energy Resources and Transformations



SPRING

3rd 9wks Overview

- Unit 05: Investigating Thermal Energy
- Unit 06: Investigating Earth Materials
- Unit 07: Investigating Plate Tectonics

4th 9wks Overview

- Unit 08: Investigating the Solar System
- Unit 09: Investigating Taxonomic Groups
- Unit 10: Investigating Ecosystems

Homework, Quizzes, Tests, Projects, and 9 Weeks Tests:

- **Homework:** Homework will be assigned every Monday and is due at our next class meeting or specified deadline. It should be completed prior to coming to class and will be collected at the beginning of class.
- **Quizzes:** We will be using multiple platforms to assess learning including but not limited to quizzes, quizlet, and Socratic discussion circles.
- **Tests:** Student learning will be assessed at the end of each unit.
- **Projects:** All students will be participating in this year's science fair. It is a wonderful opportunity to showcase the hard work and dedication that takes place in our classroom every day. Further information will be provided as we gear up for this event.
- **9 weeks test: TBA**

Online Resources/Textbooks:

Each student will have school issued computers for in-class/home use, classroom textbooks for in-class/home use, Online resources will be presented through a tutorial process throughout the academic year-Enriching and Fun!

School-wide Expectations:

The 5 P's- Prompt, Prepared, Productive, Polite, Passionate



YSLETA INDEPENDENT SCHOOL DISTRICT
**YOUNG WOMEN'S
LEADERSHIP
ACADEMY**

Course Name
Course Code
2019-2020

School-wide Policies: <https://www.yisd.net/ywla>

<https://www.yisd.net/domain/3761>

Upcoming Events: Mark your calendar!

Science Projects is one of the main events amongst our department, Timeline TBA throughout the academic year through correspondence, emails, and student agendas (please check)

Parent Homework:

Agenda Check, ISN Review, Homework/Concept Explanation, Science Project Support

Parents and students need to sign acknowledgment of this syllabus through the student's _____ class in Google Classroom by the end of the first week of school.