

Red Lick ISD

Mrs. Jessica Allen

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8th Grade Science/IPC

• 2016-17 Academic School Year 2nd grading period

Course description

The study of science includes planning and conducting field and laboratory investigations using scientific methods, analyzing data, critical thinking, scientific problem solving, and using tools to collect, extrapolate, and analyze information. Students also use technology tools to support scientific investigations. **This is a high school credit of 1.0.**

Course objectives

The students will cover the 8th grade science TEKS along with the Integrated Physics and Chemistry TEKS. Emphasis is on physical science and chemistry.

Grading Scale

90-100	A	Test grades count 40%.
80-89	B	Daily grades count 60%.
70-79	C	
<69	F	

Disclaimer

Weekly/daily information and lesson plans are subject to change without notice. This syllabus is to be used as a tentative glance at content/lessons to be covered this grading period. This syllabus may not reflect all homework, daily assignments, graded assignments, quizzes, projects, or tests.

Week 19

Jan 15-19

- Interpret and analyze various motion graphs

Extra Notes: Monday is a student holiday, 8th grade tours Tues & Fri this week.

Week 20

Jan 22-26

- Construct and compare speed and acceleration Graphs
- Unit Review and test

Extra Notes:

Week 21

Jan 29 - Feb 2

- Unit 7: Forces that change the Earth
- Alfred Wegener
- Theory of Continental Drift

Extra Notes: Regional Science Fair Feb1 @ Reg 8 ESC, Friday Feb 2 is a student holiday

Week 22

Feb 5-9

- Theory of Plate Tectonics
- Plate Boundaries

Extra Notes:

Week 23

Feb 12-16

- Unit Review and Test
- Topographic Maps
- Contour Maps

Extra Notes:

Week 24

Feb 19-23

- Greenhouse Effect
- Global Warming
- Unit 8: Climate

Extra Notes: Monday is a holiday.

Week 25

Feb 26-March 2

- Ocean Currents
- Convection Currents
- Movement of air masses

Extra Notes:

Week 26

March 5-9

- Land breeze/sea breeze
- Weather maps
- Unit review and Test

Extra Notes: Students are out the following week for Spring Break!

Week 27

March 19-23

- Unit 9: Cycles
- Sun-Earth-Moon Station rotations

Extra Notes: This is the end of the third nine weeks.

