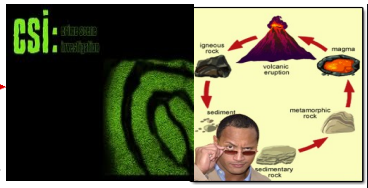
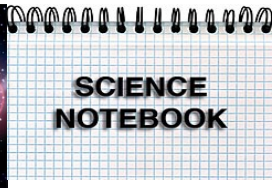
7th Grade Science Syllabus

Instructor: Ms. Janaulis **2011-2012 Stetson Hills**





Contact Information

Email is the quickest way to reach me.

Ashley.Janaulis@dvusd.org

Phone: 623-445-53

Stetson Hills Mission: "To empower our students to be successful in an ever-changing world."

Hello and Welcome to 7th Grade Science! This will be my 5th year at Stetson Hills teaching 7th grade and I am looking forward to another great year:)

I am very excited to start the year and introduce you to the many earth science topics we will cover.

Student success will be measured through various assessments that focus on skills and content knowledge. Our learning community will be exposed to many learning strategies that will help students to become lifelong learners.

This science course will be aligned to the Arizona Academic Content Standards for 7th grade (visit http:www.ade.state.az.us).

Students will have the opportunity to develop both the skills and content knowledge necessary to be scientifically literate members of the community.

I look forward to another fun and challenging year with your child. Please feel free to contact me at anytime throughout the year.

Ms. Janaulis

7th Grade Science

Concept Taught	Qt.
Inquiry; Earth's Geological Concepts; Rock	1
Earth's Geological Process and structures; Plate Tectonics, Earthquakes, Vol-	2
Earth, Sun, and Moon; Celestial Bodies.	3
Populations and Ecosystems. Population Changes.	4

Grading Scale

90% Assessments (tests, quizzes, projects)
10% Class work (smaller assignments completed in class.)

Earth Science Course Description

Welcome to 7th Grade Earth Science!

Please be ready with a spiral notebook by Wednesday of this week. Everything we do in science will go into our interactive science notebook. Notes, labs, worksheets, etc. will ALL go in the ISN.

This year we will develop your understanding of processes that occur on the Earth by focusing on Earth's Geological History, the Earth's roll in Space Science and Ecosystems & Populations.

We will study environmental issues affecting our planet and propose solutions to those problems.

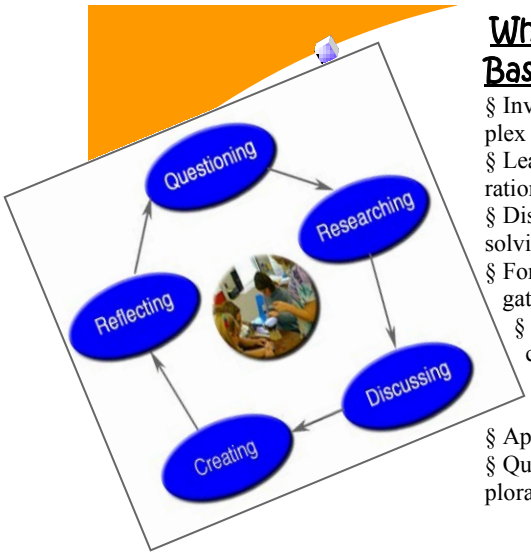
The adventure begins with a week of rituals and routines needed for successful participation in science class.

The inquiry process will establish the basis for your learning in science. It will also engage you in learning strategies that will help you understand science concepts. You will be able to use these strategies in many of your classes this school year.

We will be using hands-on activities, small & large group activities, and individual and group projects to get excited about science!

Toward the end of each quarter, you will be assessed on how well you understand the concepts taught in class. Assessments may include projects, labs, traditional paper pencil tests, videos, etc.

Inquiry Based Learning



What is Inquiry Based Learning?

§ Investigation of complex ideas
§ Learning through active exploration
§ Discovery and problem-solving
§ Formulating academic investigations
§ Constructing ownership of concepts
§ Development of understanding
§ Appeals to natural curiosity
§ Questioning with active exploration.

Benefits of Inquiry Based Learning?

§ Improves critical thinking skills
§ Increases collaborative skills
§ Encourages independence
§ Promotes creativity
§ Motivates students to participate
§ Builds academic responsibility
§ Constructs inquisitiveness

Inquiry Based Learning in Practice

§ Explore problems and questions
§ Apply new knowledge
§ Actively use hands & minds
§ Collaborative investigations
§ Promotes discussion

Grading Practices & Love and Logic

Information on grading practices and Love and Logic can be found in the Middle School Handbook @

Msjanaulis.weebly.com

Please Sign and Return just the bottom portion by August 20th!

Student Name _____

Student Signature _____

Parent/Guardian Name _____

Parent Signature _____

Parent Email: Please Print Legibly

_____