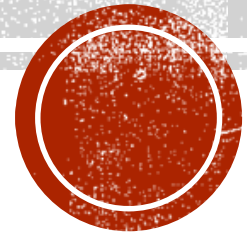


EARTH & SPACE SCIENCE 8

Mrs. Duddles

Q2 – Space Science



FRIDAY – 01/25

Objectives:

- Students will explain the role that gravity played in the formation of the solar system and in determining the motion of the planets
- Students will describe the structure and rotation of the sun, energy production and energy transport in the sun, solar activity on the sun

White Space:

What is the best term to describe the shape of the orbits of planets in our solar system?

Agenda:

- Discuss and review Activity 5 The Sun directed reading assignment due today

Reminder: Quiz on Activities 4 & 5 Monday 01/28

Get poster paper from Mrs. Duddles for Planet Poster Project due Mon. 02/11



ACTIVITIES 4 & 5 TOPICS

- Role gravity play in forming the sun
- Effect of mass and distance on force of gravity
- Kepler's three laws of planetary motion
- Shape of orbits of planets in our solar system
- Centripetal force
- Composition of the sun
- Layers of the sun and what happens at each layer
- Solar flares, sunspots, prominences (know what they are and be able to recognize them)



THURSDAY – 01/24

Objectives:

- Students will explain the role that gravity played in the formation of the solar system and in determining the motion of the planets
- Students will describe the structure and rotation of the sun, energy production and energy transport in the sun, solar activity on the sun

White Space:

What are sunspots?

Agenda:

- Continue researching your chosen planet for Planet Poster Project; **due Monday 02/11**
- Don't forget to finish Activity 5 The Sun directed reading assignment; **due Friday 01/25**

Reminder: Quiz on Activities 4 & 5 Monday 01/28



WEDNESDAY – 01/23

WCS District – Closed

Due to inclement weather



TUESDAY – 01/22

Objectives:

- Students will explain the role that gravity played in the formation of the solar system and in determining the motion of the planets
- Students will describe the structure and rotation of the sun, energy production and energy transport in the sun, solar activity on the sun

White Space:

The gravity between objects increases as the masses of the objects (increase / decrease).

As the distance between two objects increases, the force of gravity (increases / decreases).

Agenda:

- Review Mid-Term Exam
- Discuss and review Planet Poster Project student handout; start researching your chosen planet
- Activity 5 The Sun directed reading assignment is due Thursday 01/24

Reminder: Quiz on Activities 4 & 5 Friday 01/25



MONDAY 01/21

WCS District – No School
MLK Holiday



FRIDAY – 01/18 HALF DAY PM SESSION ONLY

Objectives:

- Students will explain the role that gravity played in the formation of the solar system and in determining the motion of the planets
- Students will compare the various historical models of the solar system
- Students will describe the structure and rotation of the sun, energy production and energy transport in the sun, solar activity on the sun

White Space:

How does the sun produce energy?

Agenda:

- Finish Activity 5 The Sun directed reading assignment; due Tuesday

Notice: Quiz on Activity 4 Gravity and the Solar System and Activity 5 The Sun next week Thursday 01/24



THURSDAY – 01/17

Objectives:

- Students will explain the role that gravity played in the formation of the solar system and in determining the motion of the planets
- Students will compare the various historical models of the solar system
- Students will describe the structure and rotation of the sun, energy production and energy transport in the sun, solar activity on the sun

White Space:

Which type of star has a shorter life-span, a low-mass star or a high-mass star?

Agenda:

- Take Earth Science 8 Mid-Term Exam
- Turn in Exam with Study Guide when completed
- Work on Activity 5 The Sun directed reading assignment for remainder of period



WEDNESDAY – 01/16

Objectives:

- Students will explain the role that gravity played in the formation of the solar system and in determining the motion of the planets
- Students will compare the various historical models of the solar system
- Students will describe the structure and rotation of the sun, energy production and energy transport in the sun, solar activity on the sun

White Space:

What is a proto-star?

Agenda:

- Start Activity 5 The Sun directed reading assignment
- Study for Mid-Term Exam; time to ask questions with Mrs. Duddles

Reminder: Earth Science 8 Mid-Term Exam is Thursday 01/17



TUESDAY – 01/15

Objectives:

- Students will explain the role that gravity played in the formation of the solar system and in determining the motion of the planets
- Students will compare the various historical models of the solar system
- Students will describe the structure and rotation of the sun, energy production and energy transport in the sun, solar activity on the sun

White Space:

Define nebula.

Agenda:

- Finish work on Study Guide for Mid-Term Exam (35 mins)
- Time to ask Mrs. Duddles questions about Study Guide and Mid-Term Exam
- Study for Mid-Term Exam

Reminder: Earth Science 8 Mid-Term Exam is Thursday 01/17



MONDAY – 01/14

Objectives:

- Students will explain the role that gravity played in the formation of the solar system and in determining the motion of the planets
- Students will compare the various historical models of the solar system
- Students will describe the structure and rotation of the sun, energy production and energy transport in the sun, solar activity on the sun

White Space:

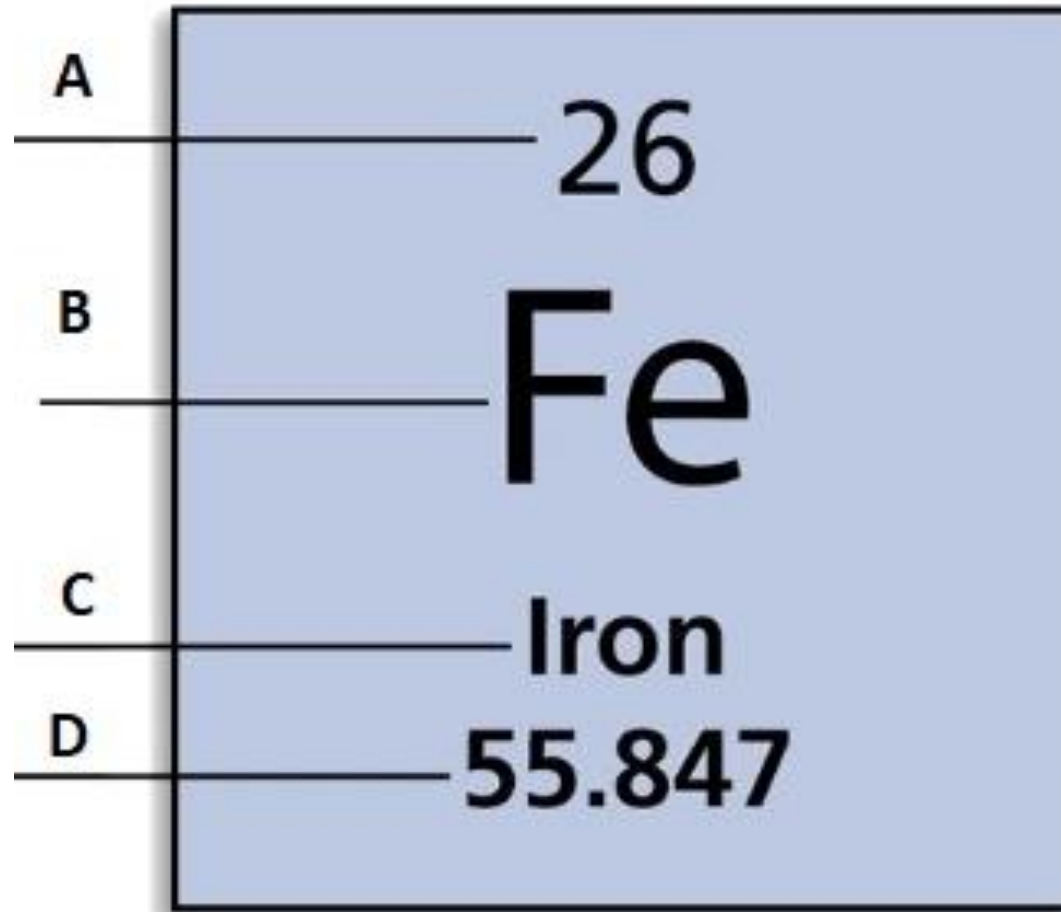
Draw and label the information shown in a square of the Periodic Table. See next slide.

Agenda:

- Finish Atomic Spectra Quick Lab
- Work on Study Guide for Mid-Term Exam
- Study for Mid-Term Exam

Reminder: Earth Science 8 Mid-Term Exam is Thursday 01/17





WHITE SPACE **01/14 MONDAY**

- Copy the image
- Label the parts



ATOMIC SPECTRA QUICK LAB – 01/14

In the White Space of your Science Notebook:

- When scientists look at stars that are hundreds (or more) light years away, they can determine the chemical elements that make up that star. How do you think that a scientist can do this even though the star is too far away for a spaceship to reach?
- We are now going to watch a short video: [NASA Launchpad: Neon Lights – Spectroscopy in Action](#)
At the conclusion of the video, re-answer the above question in your Science Notebook.



FRIDAY – 01/11

Objectives:

- Students will explain the role that gravity played in the formation of the solar system and in determining the motion of the planets
- Students will compare the various historical models of the solar system
- Students will describe the structure and rotation of the sun, energy production and energy transport in the sun, solar activity on the sun

White Space:

Do the elements in the same group (column) have similar or different properties?

Agenda:

- Discuss and Review Lab Activity 6 Gravity's Effect & Lab Activity 9 Orbital Ellipses
- Discuss and Review Activities 7 & 8 Geocentric and Heliocentric Model of the Solar System
- Turn in all lab activity student handouts for grading

Notice: Earth Science 8 Mid-Term Exam is Thursday 01/17



THURSDAY – 01/10

Objectives:

- Students will explain the role that gravity played in the formation of the solar system and in determining the motion of the planets
- Students will compare the various historical models of the solar system
- Students will describe the structure and rotation of the sun, energy production and energy transport in the sun, solar activity on the sun

White Space:

Which subatomic particle(s) are found inside the nucleus of the atom? Which subatomic particle(s) are found outside of the nucleus?

Agenda:

- Work on Lab Activity 6 Gravity's Effect or Lab Activity 9 Orbital Ellipses
- Finish Lab Activities 7 & 8 Geocentric and Heliocentric Model of the Solar System
- All lab activities due Friday 01/11

Notice: Earth Science 8 Mid-Term Exam is Thursday 01/17



WEDNESDAY – 01/09

Objectives:

- Students will explain the role that gravity played in the formation of the solar system and in determining the motion of the planets
- Students will compare the various historical models of the solar system
- Students will describe the structure and rotation of the sun, energy production and energy transport in the sun, solar activity on the sun

White Space:

Identify the subatomic particles and their charges.

Agenda:

- Work on Lab Activities 7 & 8 Geocentric and Heliocentric Model of the Solar System
 - Use information from Space Science book and internet search to learn more about the evolution of solar system models

Notice: Earth Science 8 Mid-Term Exam is Thursday 01/17



TUESDAY – 01/08

Objectives:

- Students will explain the role that gravity played in the formation of the solar system and in determining the motion of the planets
- Students will compare the various historical models of the solar system
- Students will describe the structure and rotation of the sun, energy production and energy transport in the sun, solar activity on the sun

White Space:

What force causes gas and dust to collect to form planets that make up a galaxy?

Agenda:

- Finish discussion Activity 4 Gravity and the Solar System directed reading; turn in Activity 4 student handout for grading
- Work on Lab Activity 6 Gravity's Effect or Lab Activity 9 Orbital Ellipses

Notice: Earth Science 8 Mid-Term Exam is Thursday 01/17



MONDAY – 01/07

Objectives:

- Students will explain the role that gravity played in the formation of the solar system and in determining the motion of the planets
- Students will compare the various historical models of the solar system
- Students will describe the structure and rotation of the sun, energy production and energy transport in the sun, solar activity on the sun

White Space:

When observing stars from different locations on Earth, which star will you observe the greatest parallax, a star that is 3.2 AU from Earth or a star that is 6.9 AU from Earth?

Agenda:

- Discuss and review Activity 4 Gravity and the Solar System directed reading
 - Turn in Activity 4 student handout for grading



MONDAY 12/24 – FRIDAY 01/04

WCS District – No School

Winter Holiday Break

Have a happy and safe break!



FRIDAY – 12/21 HALF DAY AM SESSION ONLY

Objectives:

- Students will explain the role that gravity played in the formation of the solar system and in determining the motion of the planets
- Students will compare the various historical models of the solar system
- Students will describe the structure and rotation of the sun, energy production and energy transport in the sun, solar activity on the sun

Agenda:

- Half Day AM Session Only; no Science class today

HW: Finish Activity 4 Gravity and the Solar System; due when we return from break



THURSDAY – 12/20

Objectives:

- Students will explain the role that gravity played in the formation of the solar system and in determining the motion of the planets
- Students will compare the various historical models of the solar system
- Students will describe the structure and rotation of the sun, energy production and energy transport in the sun, solar activity on the sun

White Space:

How did Aristotle explain the way that objects in the universe move?

Agenda:

- Finish Activity 4 Gravity and the Solar System directed reading
 - Be ready for discussion and review after break
- Holiday Pizza Party

HW: Finish Activity 4 Gravity and the Solar System; due when we return from break



WEDNESDAY – 12/19

Objectives:

- Students will explain the role that gravity played in the formation of the solar system and in determining the motion of the planets
- Students will compare the various historical models of the solar system
- Students will describe the structure and rotation of the sun, energy production and energy transport in the sun, solar activity on the sun

White Space:

According to Copernicus, what causes the year and seasons on Earth?

Agenda:

- Discuss and review Scientific Notation WS
- Start work on Activity 4 Gravity and the Solar System directed reading



TUESDAY – 12/18

Objectives:

- Students will describe the structure of the universe including the scale of distances in the universe
- Students will describe stars and their physical properties
- Students will describe the stages of the life cycle of stars

White Space:

In which model of the solar system does the sun revolve around Earth?

Agenda:

- Review concepts of Scientific Notation
- Practice calculations with Scientific Notation



MONDAY – 12/17

Objectives:

- Students will describe the structure of the universe including the scale of distances in the universe
- Students will describe stars and their physical properties
- Students will describe the stages of the life cycle of stars

White Space:

What is the Big Bang?

Agenda:

- Finish notes on Origins of the Universe & Properties of Stars with note-sheet
- Review concept of Scientific Notation (if time)



FRIDAY – 12/14

Objectives:

- Students will describe the structure of the universe including the scale of distances in the universe
- Students will describe stars and their physical properties
- Students will describe the stages of the life cycle of stars

White Space:

Define parallax.

Agenda:

- Open notes quiz on Historical Models of the Solar System reading (5 mins)
- Watch video on the [Origins of the Universe](#)
- Complete notes on Origins of the Universe & Properties of Stars with note-sheet



THURSDAY – 12/13

Objectives:

- Students will describe the structure of the universe including the scale of distances in the universe
- Students will describe stars and their physical properties
- Students will describe the stages of the life cycle of stars

White Space:

Who developed the most widely accepted model of a geocentric solar system?
Why was this model eventually rejected?

Agenda:

- Finish Size and Scale of the Universe lab activity
- Discuss and review Historical Models of the Solar System packet; due today

Reminder: Quiz on Historical Models of the Solar System Friday



WEDNESDAY – 12/12

Objectives:

- Students will describe the structure of the universe including the scale of distances in the universe
- Students will describe stars and their physical properties
- Students will describe the stages of the life cycle of stars

White Space:

How is the geocentric model different from the heliocentric model?

Agenda:

- Complete Size and Scale of the Universe lab activity
- Finish Historical Models of the Solar System packet; Read and answer questions from packet **due Thursday**



TUESDAY – 12/11

Objectives:

- Students will describe the structure of the universe including the scale of distances in the universe
- Students will describe stars and their physical properties
- Students will describe the stages of the life cycle of stars

White Space:

What is the color of stars with the highest surface temperatures? Lowest surface temperatures?

Agenda:

- Turn in Unit 1: The Universe Review WS (lavender sheet) for grading
- Take Unit 1 The Universe Test; turn in test when complete
- Pick up copy of Historical Models of the Solar System packet; Read and answer questions from packet **due Thursday 12/13**



MONDAY – 12/10

Objectives:

- Students will describe the structure of the universe including the scale of distances in the universe
- Students will describe stars and their physical properties
- Students will describe the stages of the life cycle of stars

White Space:

List the color of stars from the hottest to coldest.

Agenda:

- Discuss and review Space Unit 1 Review WS
- Complete Lab Activity 5: The Age of Stars lab to help review for test

Reminder: Unit 1 The Universe Test tomorrow Tuesday 12/11



FRIDAY – 12/07

Objectives:

- Students will describe the structure of the universe including the scale of distances in the universe
- Students will describe stars and their physical properties
- Students will describe the stages of the life cycle of stars

White Space:

Name the various stages in the life cycle of a low-mass star.

Agenda:

- Discuss and review Lab Activity 4 Star Graphing due today
- Discuss and review H-R Diagram WS due today
- Work on Space Unit 1 Review; **due Monday 12/10**

Reminder: Unit 1 The Universe Test next Tuesday 12/11



THURSDAY – 12/06

Objectives:

- Students will describe the structure of the universe including the scale of distances in the universe
- Students will describe stars and their physical properties
- Students will describe the stages of the life cycle of stars

White Space:

Name the various stages in the life cycle of a high-mass star.

Agenda: (Shorten class period for MSVPA performance of Peter Pan Jr.)

- Finish Lab Activity 4 Star Graphing; **due Friday 12/07**
- Work on H-R Diagram WS; **due Friday 12/07**

Reminder: Unit 1 The Universe Test next Tuesday 12/11



WEDNESDAY – 12/05

Objectives:

- Students will describe the structure of the universe including the scale of distances in the universe
- Students will describe stars and their physical properties
- Students will describe the stages of the life cycle of stars

White Space:

Where are new stars located on the H-R diagram?

Agenda:

- Work on Lab Activity 4 Star Graphing
 - Read and follow directions in student handout

Reminder: Unit 1 The Universe Test next Tuesday 12/11



TUESDAY – 12/04

Objectives:

- Students will describe the structure of the universe including the scale of distances in the universe
- Students will describe stars and their physical properties
- Students will describe the stages of the life cycle of stars

White Space:

What is an H-R Diagram?

Agenda:

- Discuss and Review Activity 3 The Life Cycle of Stars directed reading
 - Check your own work
- Start Lab Activity 4 Star Graphing



MONDAY – 12/03

Objectives:

- Students will describe the structure of the universe including the scale of distances in the universe
- Students will describe stars and their physical properties
- Students will describe the stages of the life cycle of stars

White Space:

What are the two elements that make up most stars, including the sun?

Agenda:

- Shorten class period for Science Spectacular event
- Start Activity 3 The Life Cycle of Stars directed reading
 - Complete Procedures steps 1, 2, and 3 in student handout
 - Finish Activity 3 for HW if not done in class



FRIDAY – 11/30

Objectives:

- Students will describe the structure of the universe including the scale of distances in the universe
- Students will describe stars and their physical properties
- Students will describe the stages of the life cycle of stars

White Space:

Define luminosity.

Agenda:

- Student Choice Day (due to the absence of half the class today):
 - View an episode of the Discovery Channel popular series Mythbusters
 - Read silently a book or National Geographic magazine of your choice
 - Complete annotated notes packet for Stars reading (third page of packet)



THURSDAY – 11/29

Objectives:

- Students will describe the structure of the universe including the scale of distances in the universe
- Students will describe stars and their physical properties
- Students will describe the stages of the life cycle of stars

White Space:

How is star brightness measured? How is star luminosity measured?

Agenda:

- Complete Lab 2 Modeling Star Magnitude to learn more about absolute and apparent magnitudes of stars
- Turn in Lab 2 student handout for grading



WEDNESDAY – 11/28

Objectives:

- Students will describe the structure of the universe including the scale of distances in the universe
- Students will describe stars and their physical properties
- Students will describe the stages of the life cycle of stars

White Space:

What are some general properties of stars?

Agenda:

- Discuss and review Space Science Unit 1 Activity 2 “Stars” directed reading
- Write Conclusion for Activity 2 “Stars”; turn in Activity 2 student handout with graph for Analysis Question #3



TUESDAY – 11/27

Objectives:

- Students will describe the structure of the universe including the scale of distances in the universe
- Students will describe stars and their physical properties
- Students will describe the stages of the life cycle of stars

White Space:

How many seconds are in one minute?

Agenda:

- Discuss and review Activity 1 Structure of the Universe assessment
- View videos on the expanding Universe
- Finish work on Space Science Unit 1 Activity 2 “Stars” directed reading; **due Wednesday**
- Be ready for discussion on Activity 2 on Wednesday



MONDAY – 11/26

Objectives:

- Students will describe the structure of the universe including the scale of distances in the universe
- Students will describe stars and their physical properties
- Students will describe the stages of the life cycle of stars

White Space:

What term would you use to describe several planets orbiting a star?

Agenda:

- Complete assessment for Space Science Unit 1 Activity 1 “The Structure of the Universe” (35 mins)
- Start work on Space Science Unit 1 Activity 2 “Stars” directed reading



WEDNESDAY 11/21 – FRIDAY 11/23

WCS District – No School

Thanksgiving Break

Have a happy and safe Thanksgiving!



TUESDAY – 11/20 HALF DAY PM SESSION ONLY

Objectives:

- Students will describe the structure of the universe including the scale of distances in the universe
- Students will describe stars and their physical properties
- Students will describe the stages of the life cycle of stars

White Space:

What is an algorithm? (Hint: you use algorithms daily)

What are the 4 characteristics that all computers have in common?

Agenda:

- Complete CS Discoveries Unit 1 Lesson 5 Inputs and Outputs
- Start CS Discoveries Unit 1 Lesson 6 Card Sorting (if time)

HW: Study for quiz on “Structure of the Universe” after Thanksgiving break



MONDAY – 11/19

Objectives:

- Students will describe the structure of the universe including the scale of distances in the universe
- Students will describe stars and their physical properties
- Students will describe the stages of the life cycle of stars

White Space:

Why can the structure of the universe be compared to soap bubbles?

Agenda:

- Complete Astronomy Part 1 Notes using info from *Space Science* book Unit 1 Lesson 1 “Structure of the Universe”
- Quiz on “Structure of the Universe” after Thanksgiving break



FRIDAY – 11/16

Objectives:

- Students will describe the structure of the universe including the scale of distances in the universe
- Students will describe stars and their physical properties
- Students will describe the stages of the life cycle of stars

White Space:

What are voids in the universe?

Agenda:

- Finish and discuss CS Discoveries Unit 1 Lesson 4 What is a Computer?
 - Discuss with Table Group your reasoning for what defines a computer
 - At your Table Group, come to a consensus regarding the definition of a computer
 - Each Table Group presents poster and reasoning to class
 - Watch Code.org video about the 4 things that all computers share
- Start CS Discoveries Unit 1 Lesson 5 Inputs and Outputs (if time)



FRIDAY – 11/16

CS Discoveries Unit 1 Lesson 4

Questions to help focus your presentation on “What is a Computer?”:

- What rules or definition did you use to categorize your objects?
- Which item was most difficult for you to categorize? How did you eventually make the decision of where to place it?



THURSDAY – 11/15

Objectives:

- Students will describe the structure of the universe including the scale of distances in the universe
- Students will describe stars and their physical properties
- Students will describe the stages of the life cycle of stars

White Space:

Order the following things from small to large: galaxy, universe, solar system

Agenda:

- Finish Space Debate – Day 2 (if possible)
- Complete Astronomy Part 1 Notes using info from *Space Science* book Unit 1 Lesson 1 “Structure of the Universe” (if time)



WEDNESDAY – 11/14

Objectives:

- Students will describe the structure of the universe including the scale of distances in the universe
- Students will describe stars and their physical properties
- Students will describe the stages of the life cycle of stars

White Space:

With your group, review your debate plan/strategy. (5 mins)

Agenda:

- Turn in Lab Activity 1: Modeling the Expanding Universe for grading
- Turn in individual Debate Plan sheet for grading
- Start Space Debate – Day 1



TUESDAY – 11/13

Objectives:

- Students will describe the structure of the universe including the scale of distances in the universe
- Students will describe stars and their physical properties
- Students will describe the stages of the life cycle of stars

White Space:

What makes up the “walls” of the universe?

Agenda:

- Work on Lab Activity 1: Modeling the Expanding Universe
 - Read & follow the Procedure steps in the student lab handout



MONDAY – 11/12

Objectives:

- Students will describe the structure of the universe including the scale of distances in the universe
- Students will describe stars and their physical properties
- Students will describe the stages of the life cycle of stars

White Space:

List some rules of debate that you have practiced.

Agenda:

- Last day for Debate Practice
- Meet with debate group
- Practice, Practice, Practice
- Debate starts Wednesday 11/14 (due to student planned absences)



FRIDAY 11/09 – HALF DAY AM SESSION ONLY

Objectives:

- Students will describe the structure of the universe including the scale of distances in the universe
- Students will describe stars and their physical properties
- Students will describe the stages of the life cycle of stars

Agenda:

- Half Day AM Session Only – No class today
- **Reminder: Practice for Space Debate**



THURSDAY – 11/08

Objectives:

- Students will describe the structure of the universe including the scale of distances in the universe
- Students will describe stars and their physical properties
- Students will describe the stages of the life cycle of stars

White Space:

List some rules of debate that you have practiced.

Agenda:

- Last day for Debate Planning
- Meet with debate group
- Share research findings & Compare arguments with your group
- Plan debate strategy
- Practice



WEDNESDAY – 11/07

Objectives:

- Students will describe the structure of the universe including the scale of distances in the universe
- Students will describe stars and their physical properties
- Students will describe the stages of the life cycle of stars

White Space:

What year was the first moon landing?

Agenda:

- Go to Computer Lab to conduct research for Space Debate project (Day 2)
 - You must familiarize yourself with both the proposition and opposition on the assigned issue
 - You must create an MLA bibliography to reference all sources used



TUESDAY – 11/06 ELECTION DAY

WCS District – No school for students

Teachers meet for Professional Development



MONDAY – 11/05

Objectives:

- Students will describe the structure of the universe including the scale of distances in the universe
- Students will describe stars and their physical properties
- Students will describe the stages of the life cycle of stars

White Space:

What do all living things need to survive?

Agenda:

- Go to Computer Lab to conduct research for Space Debate project (Day 1)
 - You must familiarize yourself with both the proposition and opposition on the assigned issue
 - You must create an MLA bibliography to reference all sources used



FRIDAY – 11/02

Objectives:

- Students will describe the structure of the universe including the scale of distances in the universe
- Students will describe stars and their physical properties
- Students will describe the stages of the life cycle of stars

White Space:

What does a light-year measure, time or distance?

Agenda:

- Finish Space Science Unit Activity 1 Structure of the Universe directed reading; turn in student handout for grading
- CS Discoveries Unit 1 Lesson 4 What is A Computer?
- CS Discoveries Unit 1 Lesson 6 Card Sorting (if time)



THURSDAY – 11/01

Objectives:

- Students will describe the structure of the universe including the scale of distances in the universe
- Students will describe stars and their physical properties
- Students will describe the stages of the life cycle of stars

White Space:

How are the terrestrial planets different from the gas giants?

Agenda:

- Preview Space Debate Project including group assignments, directions, and debate grading rubric
- Discuss & review Space Science Unit Activity 1 Structure of the Universe directed reading
- Write Conclusion; turn in Activity 1 Structure of the Universe student handout for grading



WEDNESDAY – 10/31

Objectives:

- Students will describe the structure of the universe including the scale of distances in the universe
- Students will describe stars and their physical properties
- Students will describe the stages of the life cycle of stars

White Space:

What is at the center of our solar system?

Agenda:

- Review Chemistry Unit Test
- Finish Space Science Unit Activity 1 Structure of the Universe directed reading



TUESDAY – 10/30

Objectives:

- Students will describe the structure of the universe including the scale of distances in the universe
- Students will describe stars and their physical properties
- Students will describe the stages of the life cycle of stars

White Space:

Which element(s) do you think is most abundant on the Sun?

Agenda:

- New Seats Q2
- “We Are Made of Star Stuff” intro video to Space Science Unit
- Start Space Science Unit Activity 1 Structure of the Universe



MONDAY – 10/29

Objectives:

- Students will describe how chemical reactions observe the law of conservation of energy
- Students will use balanced chemical equations to model chemical reactions and to demonstrate that chemical reactions observe the law of conservation of mass
- Students will describe the interactions between atoms in ionic & covalent bonding

White Space:

Which kind of element is most likely used to make semiconductors (metals, nonmetals, or metalloids)?

Agenda:

- Take Chemistry Unit Test
 - No talking during or after testing
 - Turn in test and Balancing Equations WS (lavender sheet) when done
 - Read silently for remainder of class period

