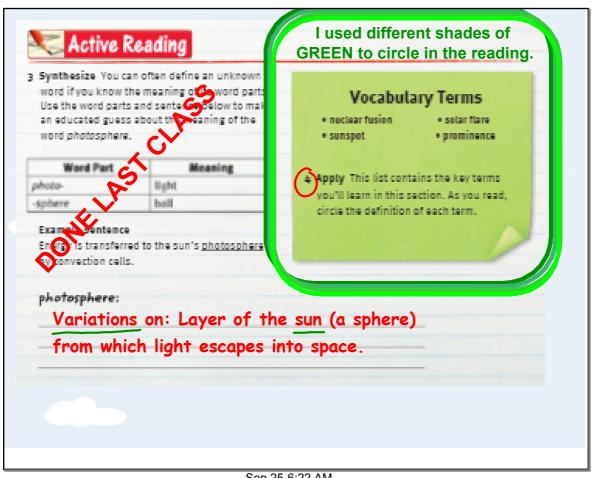
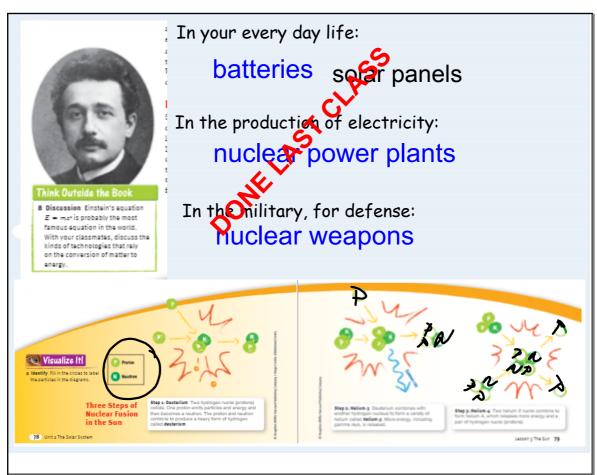
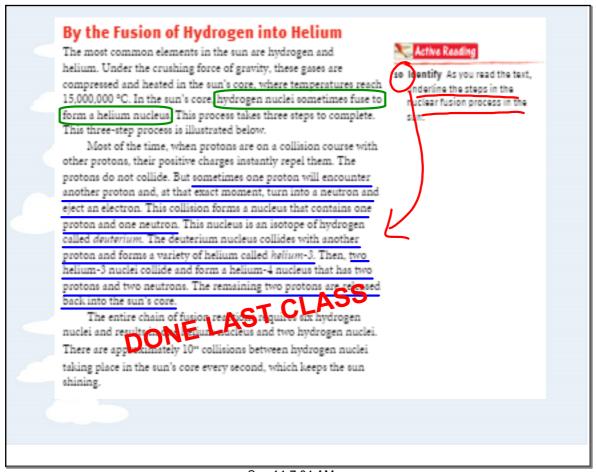


Sep 25-6:22 AM

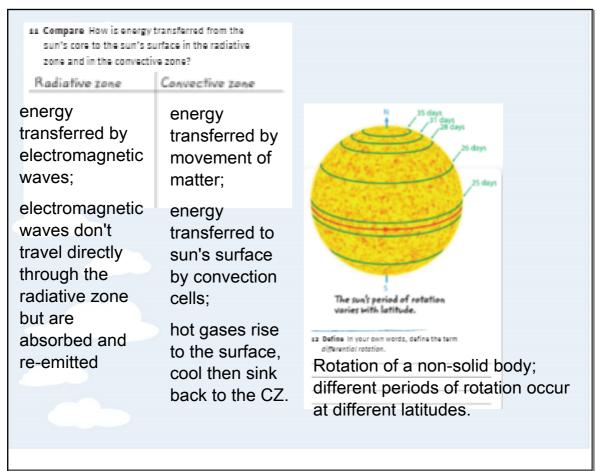




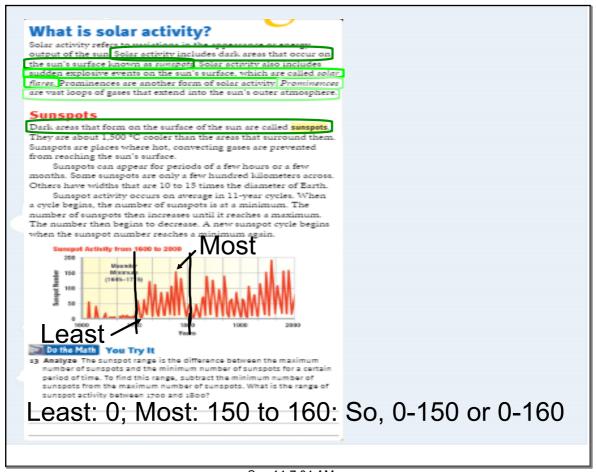
Sep 14-7:04 AM

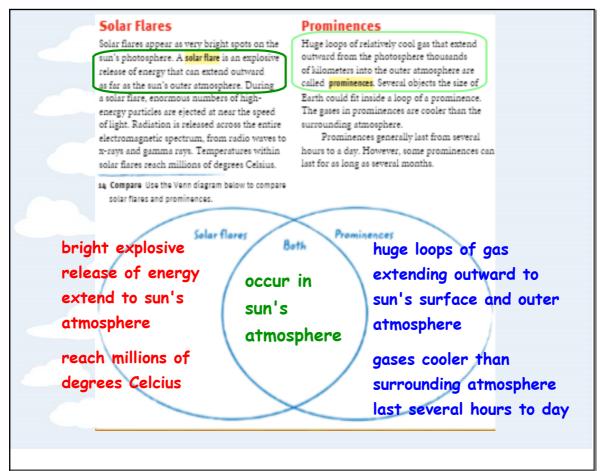


Sep 14-7:04 AM

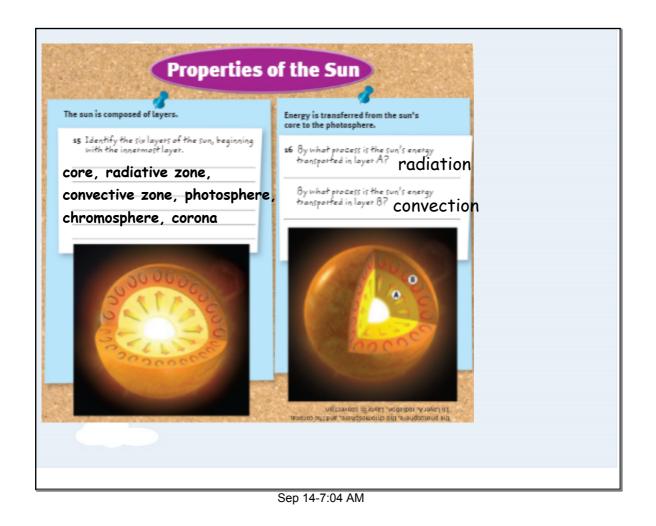


Sep 14-7:04 AM





Sep 14-7:04 AM

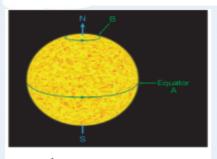


Lesson Review

Vocabulary

Fill in the blank with the term that best completes the following sentences.

- 1 The process by which two or more low-mass atomic nuclei fuse to form another, heavier nucleus is called <u>nuclear fusion</u>
- 2 A <u>SunSpot</u> is a dark area on the surface of the sun that is cooler than the surrounding areas.
- 3 A prominence is a loop of relatively cool gas that extends above the photosphere.



9 Determine How many days does it take for the sun to spin once on its axis at location A? How many days does it take for the sun to spin once on its axis at location B?

A: 25 days; B: 35 days

Key Concepts

Definition

In the following table, write the name of the correct layer next to the definition.

layer whice	tify What is the of the sun from th energy escapes space?	photosphere
layer	tify What is the of the sun in which gy is produced?	core
the l thro is tra	tify What is ayer of the sun ugh which energy unsferred away from sore by radiation?	radiative zon

7 Identify What is the composition of the sun? 74% hydrogen; 25% helium; 1% other elements

8 Explain What is the sunspot cycle?

Sunspot cylcle is about 11 years. In that cycle, sunspots go from the minimum to maximum and back to minimum.

Sep 14-7:04 AM

- 10 Compare How is the rotation of the sun different from the rotation of Earth?
- The sun has different rotation periods at different latitudes.
- 11 Explain In your own words, explain how energy is transported from the core to the surface of the sun by radiation and by convection.
- Radiation: energy transferred through the radiative zone as
- electromagnetic waves. Electromagnetic waves do not travel
- directly through the (RZ) but are absorbed and re-emitted by
- particles until they reach the top of the RZ

Convection: energy transported to the sun's surface, cools, sinks back into the CZ_1

Now that you know expectations, you will continue with Lesson 4 The Terrestrial Planets (pg: 86-99).

Answer ALL questions within the reading.

There are 23! (23 points)

Answer ALL questions in the Lesson Review

There are 12! (12 points)

Next class meeting, you will make a 'foldable'"

Sep 16-8:05 AM

Chart the Planets Foldable PRODUCT GRADE!

Make a Four Corner FoldNote detailing the DIFFERENCES between the rocky planets.

Include a drawing of each planet.

Use your text to gather information.

Hint: look at the questions the text asked you to answer.

Attachments



Scale of Earth and Sun.mp4



Scale of Solar System.mp4