

## Science 8 Website Grand Tour

Goals  
Course Outline  
GRADING  
Learning Targets  
Academic Standards  
SDW Home page  
CMS Home page

- Start Here →
- This Week
  - Cool Stuff
  - Fun Page
  - Mr. Gonyo
  - Fox River Cleanup
  - Fox River Sanctuary
  - Scientific ...
  - Human Biolo...
  - Geology
  - Chemistry
  - Light
  - Astronomy
  - Mechanics
  - Robotics
  - CSI

1. Find the Science 8 Website at <http://www.myscience8.com>

2. What are the names of Mr. Gonyo's two dogs? \_\_\_\_\_ and \_\_\_\_\_  
What elementary school did Mr. Gonyo attend? \_\_\_\_\_

3. Watch the videos on the home Page. Which was your favorite? Why?  
\_\_\_\_\_

4. The Fun Page lists things to do when all of your other stuff is done. Look through the list and write down two things that sound like they might be fun to do. Don't do them now, you haven't finished your other stuff yet! \_\_\_\_\_

5. Go to Chemistry and look at Module 5. Open the "Hydrogen Gas Lab" and watch the video. What happens when the burning splint touches the gas in the inverted test tube?  
\_\_\_\_\_

6. What is your teacher's main goal for his students?  
\_\_\_\_\_

7. What is going on next week Wednesday in Mr. Gonyo's science class? (look at the This Week page; and let's hope he remembered to update it). \_\_\_\_\_

8. Go to Scientific Method page:

Click on the picture of the egg to view the "Eggsplosion" video. Who is the jumpy teacher in the striped shirt? \_\_\_\_\_

Try the Wolf, Sheep, and Cabbage challenge? How did you succeed? \_\_\_\_\_

9. Go to Human Biology:

What will be our grand finale in this unit? \_\_\_\_\_

What is the movie about on the Labs page? \_\_\_\_\_

Check out the Virtual Knee Surgery link on the Links page. Try it! (you can finish it later)

10. Geology is the study of the \_\_\_\_\_

The movie on the Labs page is about \_\_\_\_\_

The movie on the activities page is about \_\_\_\_\_

In the Presentation section, click on Volcanoes of the World. Wait a few seconds . . . What happens? \_\_\_\_\_ you don't have to watch it all!

11. Check out the Main Chemistry page:



According to the movie, what will kill you and why? \_\_\_\_\_

12. Things that students should be able to do at the end of 8<sup>th</sup> grade are called "Learning Targets". Which of our six learning targets refers to arranging objects by similarities and differences? \_\_\_\_\_

Which learning target has students figuring things out using "logical reasoning"? \_\_\_\_\_

Hint: you will have to use your logical reasoning skills to make inferences in order to answer this one!

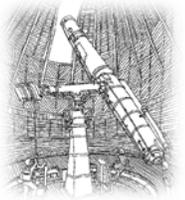


13. List 3 things you can do to be successful in science. (Hint: click on Course Outline on the home page).

\_\_\_\_\_

14. List two facts about the eye as seen in the video on the Presentations page (Light).

\_\_\_\_\_



15. Check out the Optical Illusions link on the Links page (Light). Try the illusion tour #1 and describe your favorite illusion. (you could even draw a picture)

16. On the Grading page:

What grade (4,3,2,1) does a student who "can apply the knowledge and could teach others" get? \_\_\_\_\_

Assessments that measure what you have learned and count for 90% of your grade are \_\_\_\_\_

(Summative/Formative)

17. Astronomy Activities page: match these after watching the video

\_\_\_\_\_ Time required for light to reach the Earth from the Sun

\_\_\_\_\_ Time required for light to reach Earth from Alpha Centauri

\_\_\_\_\_ Time required for light to reach Earth from the center of our Milky Way galaxy.

a) about 8 1/2 minutes

b) about 4 years

c) about 30,000 years

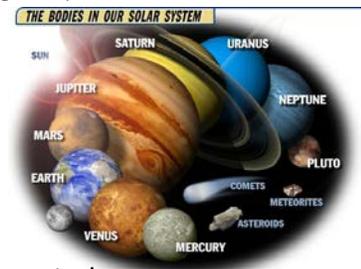
18. On the Astronomy Links page click on the Build a Solar System link.

Enter 11 inches for the body diameter of the Sun, then click on "calculate".

How large would Jupiter be at this scale? \_\_\_\_\_ inches

How far from the Sun (scaled orbit radius) would Mercury be? \_\_\_\_\_ inches

How far from the Sun (scaled orbit radius) would Pluto be? \_\_\_\_\_ inches



19. Watch the movie on the Mechanics main page. Summarize the video.

\_\_\_\_\_ Which letter of the alphabet do you suppose is his favorite? \_\_\_\_\_



20. Check out the Mechanics Links page. Click on the Lunar Lander simulation and give it a try.

What happened? \_\_\_\_\_



21. On the ROBOTICS pages, which of the "models" will be your favorite? \_\_\_\_\_

22. On the CSI pages; which of the suspects teaches physical education? \_\_\_\_\_

Hint: click on the "Summary of Evidence" presentation and read about the suspects (it starts on slide 27).

The Primary Suspects:

