**Exploring September Internet Activity**

**Directions:** Use the colored links provided to find the answers to the questions. Use the Back button of your browser  
to return to this page. Or use the Go menu to jump past several pages, just viewed, to return to this one. [Printer friendly](http://www.mrsoshouse.com/ext/sept.pdf)

1. We think of Labor Day as a signal that summer is over. But what was it [really meant to be](https://www.dol.gov/general/laborday/history)?

Use your online search skills to learn the date summer is over.

2. Everyone is worried about energy costs these days.  
Check out the [U.S. Dept. of Energy's Energy Savers](https://energy.gov/energysaver/energy-saver) web site to answer the following questions.

a. Landscaping can make a big difference in energy costs. Where should we plant trees   
to save on the air conditioning costs of a building?

b. Look at the pie chart [How We Use Energy in Our Homes](https://energy.gov/sites/prod/files/2014/09/f18/61628_BK_EERE-EnergySavers_w150.pdf). (see page 6)   
Which energy use consumes the most power in a home?

c. What uses the least amount of power?

**Calculation Power**: Your home has electric heat. The January electric bill was $500.00.   
Your mom installs an [energy saving thermostat. It is set to](https://energy.gov/energysaver/thermostats) lower the house temperature when everyone is asleep.   
How much money do you expect your family will save using the new thermostat?

TAI (Think about it) How can **you** help reduce energy use in your home and school?

3. On September 2, 1789, the U. S. Treasury Department was established. [What do they do](http://www.treasury.gov/about/Pages/default.aspx)?   
List three jobs or departments.

4. On September 14, 1814, Francis Scott Key wrote the lyrics to a song.   
I am confident you have heard it and have probably even sung it. Name the song.

Type the first line, of the lyrics of the song. Try doing it from memory.

5. In 2005, [David Berry](https://lemelson.mit.edu/winners/david-berry) won an award for his innovations. How did his childhood play prepare him to be an inventor?

6. What does the word "innovations" mean? [Online Dictionary](http://www.wordcentral.com/) (This is a long word to type with lots of chances to make a mistake.   
Try highlighting just the word innovations with your cursor. Go Edit... Copy. Click on the dictionary link.   
Click in the search box and go Edit.. Paste. The word innovations should appear. Click OK.)

Enumerate 2 innovations at your school this school year.

7. On September 22 1776, Revolutionary War hero, Nathan Hale was hanged by the British as a spy.  
[What is he famous for saying just before he died](http://www.americaslibrary.gov/jb/revolut/jb_revolut_hale_1.html)?

How did the British identify Nathan Hale as a spy?

8. The Great Smoky Mountains National Park is a great place to visit in the fall.  [Name](http://www.nps.gov/grsm/): a mammal, a bird, a tree, and a reptile you might see during a visit. (Digging in site required)

9. Stop at [Look Rock](http://www.nps.gov/grsm/naturescience/air-quality.htm) to see for 100 miles on a clear day. What is air pollution doing to the view?

10. In September, Monarch butterflies are on the move. [Why](http://www.monarchwatch.org/tagmig/index.htm)?

Based on the map, where do the autumn Monarch Butterflies from your community go?   
(Click on the map to see a larger view.)

11. What is [one of the best ways](http://www.cdc.gov/ounceofprevention/docs/oop_brochure_eng.pdf) to keep from getting sick? [CDC advice](http://www.cdc.gov/flu/protect/stopgerms.htm)

When should you do this at school?

**Calculated to challenge**

**12.** Find out - What is the name of the USA's official national anthem?

**How many decades** has the song been the USA's official national anthem?

13. You have been assigned the task to write an essay on bravery. You decide to open with a quote about bravery.  
Select a quote about bravery. Write it here, include the author!

Use an Internet search engine or harness the [Internet Public Library's](http://www.ipl.org/) resources to find some facts  
about the person you quoted on bravery. What qualifies them to speak about bravery?