



Spring Stuff Internet Hunt

<http://www.mrsoshouse.com/ext/spring.html>

Directions: Find the answers to the questions.

Sap Facts:

1. People collect maple tree sap to make syrup. What causes sap to flow?

Some people think that amber is tree sap that has hardened over a long time. They are wrong. What is the origin of amber?

If you have ever touched sap you know it can be a sticky. But that is not what it means when an author describes a character as a sap. What does that mean?

How much sap does it take to make 1 gallon of birch syrup? _____

Compare this to the amount of maple sap needed to make a gallon of syrup. What is the ratio of birch sap needed to maple sap needed to yield one gallon?

2. List three things that can be fed to wild birds. _____

Name one thing that should NOT feed to wild birds. _____

3. What causes a hot spring? _____

4. One sign of spring is the blooming of daffodils. When must you plant them? _____
Why? _____

5. When it is spring in Pennsylvania, it is fall in Chile. Explain why the seasons in the Northern Hemisphere are the opposite of the seasons in the Southern Hemisphere.

6. The ancient Greeks had a myth to explain Spring. Write the names of the characters.

7. Contrast Orchard Mason bees with Honeybees. Identify 3 differences.

Orchard Mason Bees

Honeybees

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Which bee would you prefer to have in your garden? Why? _____

8. Your class has decided to plant milkweed seeds in the school's habitat garden. What factors will encourage seed germination?

9. Write 2 fascinating facts about eggs. _____

10. Metal springs have been used since the Bronze Age. List the kinds of spirngs.

11. Explore a renewable energy source. How could it be used at your home or school?

12. Bluebird nesting is a sign of spring to some people. How can people help bluebirds with nesting?

13. [Spring forward](#) by answering this question. Or calculate [Spring Has Sprung!](#)

14. Hummingbird Journey North. Evaluate: Have the hummingbirds returned to your community this spring? Has the past week's weather in your community been helpful or harmful to migrating birds?

There is only one thing more painful than learning from experience
and that is not learning from experience. --Archibald McLeish, Poet

Challenges:

1. On a warm spring night, in the Eastern United States, you may hear the chorus of the Spring Peepers.

Form a hypothesis.

What kind of animal is making that sound? _____

Hint; An insect, a mammal, a bird, a reptile, an amphibian, a bony fish, a mollusk, an arthropod, a primate

Now use your favorite Internet search engine to learn what they are.

They are: _____

Was your hypothesis correct? _____

For this activity, we used the sense of hearing to make an observation. What other observations could have improved your hypothesis?

2. Listen to or read *A Little Bird Told Me* @ Green Hour. Spring does not look, sound or feel the same in every community. Write 5 signs of springs that can be observed in your community.
