

\*In a continuing effort to provide online learning opportunities, I have included websites and suggested activities. **Please note. Although many of these are approved websites, access them at your own risk.**

## Suggested Science Activities

[www.solpass.org](http://www.solpass.org) – SolPass has great activities for review of 4<sup>th</sup> grade Science Standards taught so far this year (measurement, motion, weather, solar system and natural resources).

User name: Sudley; Password: Sudley

<https://our.pwcs.edu/common/pages/DisplayFile.aspx?itemId=5419201> – Study guide for Science Standards taught so far this year (Scientific Investigation; Force and Motion; Virginia’s Natural Resources; Measurement; Solar System including Earth, Sun and Moon; and Weather. **Answer the questions within each section.**

**This is the same resource in Spanish:**

<https://our.pwcs.edu/common/pages/DisplayFile.aspx?itemId=7441411>

### Benchmark Universe

Access Benchmark Universe through your Clever account. The site is listed under “favorites.” Once logged on, go to assignments. Here you will find the book, Waterworks. Read the book and choose two or more experiments to conduct. Write a conclusion for each experiment you complete.

### Online Resources

**Use these resources to review concepts taught this year. Choose two or more videos to summarize.**

Mineral identification

<https://www.brainpop.com/science/earthsystem/mineralidentification/>

Natural resources sorting game

<https://www.brainpop.com/games/sortifynaturalresources/>

Moon Phases

[www.brainpop.com](http://www.brainpop.com)

Causes of Seasons

[www.brainpop.com](http://www.brainpop.com)

Galileo, Copernicus and Aristotle

[www.brainpop.com](http://www.brainpop.com)

What is Weather

<http://glencoe.mheducation.com/sites/dl/free/0078778026/161752/00044688.html>

Cloud Types and Associated Weather

<http://glencoe.mheducation.com/sites/dl/free/0078778026/161752/00076701.html>

What is a Watershed-video that explains what a watershed is and why it is important.

<https://www.youtube.com/watch?v=f63pwrMXkV4>

## **Virtual Field Trip**

4-H Trees-The Renewable Resource

<https://www.sites.ext.vt.edu/virtualforest/>

## **Hands on Activities**

How to make a barometer-

[https://sercc.com/education\\_files/barometer.pdf](https://sercc.com/education_files/barometer.pdf)

How to make an anemometer-

<https://www.education.com/science-fair/article/make-anemometer/>

Demonstrating Air Pressure (parent oversight required)

<https://www.asme.org/topics-resources/content/5-ways-to-demonstrate-air-pressure-to-children>

Demonstrating Forces, Motion and Gravity – Egg Drop Activity

<https://www.stevespanglerscience.com/lab/experiments/egg-drop-inertia-trick/>

## **Research Activity**

Planets Research Activity

<https://pwcs->

[intranet.ss9.sharpschool.com/common/pages/DisplayFile.aspx?itemId=5358542](https://pwcs-intranet.ss9.sharpschool.com/common/pages/DisplayFile.aspx?itemId=5358542)