



Program: Under The Weather **Post-Visit Activities**

Grades 3-5
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600 Settlers Landing Road • Hampton, Virginia 23669-4033
(757) 727-0900 • www.vasc.org



Activities

These activities are intended for use after your visit to the Virginia Air and Space Center. Your students should recall the information and activities from the Under The Weather program in order to do these activities. All of the activities can be tailored to your specific classroom needs, and the procedures listed are suggestions for teaching.

Activity 1- Weather Journal and Forecast

Materials- For this activity you can do one of two things. You can have your students bring in composition notebooks or you can take 10 to 15 pieces of paper and fold them all in half to make weather journals. You will also need to use the weather instruments you used in the pre-visit activities.

For this activity have your students make and decorate their very own weather journals. Each day have your student make a log or record of what the weather was like outside. Have them include the temperature, what the sky looked like, the humidity, wind speed, rain (and amount), and type of clouds, if any. You can use numerous resources for the information needed, such as the newspaper, the internet, local news, and even your own measurements. You can also break your students up into groups, and each day have one group go outside to take weather measurements to share with the rest of the class.

Extension: You can also have the group that records the weather measurements report the weather to the rest of the students just like a meteorologist would do. Have them use the weather lingo they have learned.

Activity 2- Types of Clouds

Materials- For this activity your students will need access to the library and the internet.

Have your students, individually or in groups, do a research project to discover all the different types of clouds. You can make it as simple or as complex as you would like by having them identify only the basic names of clouds, or you can have them identify the subsets as well. Have them each draw a diagram identifying and labeling the type of cloud. Have them identify what height that type of cloud can be found. You can have them do it in color or black and white. Color would be preferable because certain types of clouds are going to have certain shades and colors.

Extension: Give your students a question concerning clouds or weather before they leave school for the weekend. See how many of your students can come back with the right answer on Monday. One example would be how many different types of clouds did they see over the weekend? You, the teacher, would have to keep track of the weather too, but it can be a fun learning experience for you as well as your students. The students can also log all of this information in their weather journals.

Here is a list of websites concerning clouds that may be helpful:

<http://eo.ucar.edu/webweather/cloud3.html>

<http://schoolscience.rice.edu/duker/weatypeclouds.html>

<http://www.urbanext.uiuc.edu/weather/2.html>

<http://www.carlwozniak.com/clouds/types.html>

http://www.uen.org/utahlink/weather/clouds/cloud_id.html

http://www.windows.ucar.edu/tour/link=/earth/Atmosphere/clouds/cloud_types.html

<http://en.wikipedia.org/wiki/Cloud>

Resources

WEBSITES

<http://www.teach-nology.com/themes/science/weather/>

<http://www.weatherwizkids.com/>

<http://www.proteacher.net/>

http://www.picadome.fcps.net/lab/currl/water_cycle/

<http://teacher.scholastic.com/>

<http://eo.ucar.edu/webweather/>

BOOKS

How Weather Works. Micheal Allaby. 1999.

The Magic School Bus Inside a Hurricane. Joanne Cole .1996.

The Weather Detectives. Mark Eubank. 2004.

Weather Report: Poems. Jane Yolen. 1995.

Winter Eyes. Douglas Florian. 1999.

World's Weather. David C. Flint. 1993.

Weather Mania. Michael A. DiSpezio. 2002.

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