Internet Activity: Types of Clouds

Objective: To research different types of clouds.

Directions: For each set of questions in the activity, write the answers on a separate piece of paper. The questions must be answered in complete sentences.

Visit this website for an introduction of cloud types:

<http://www.srh.noaa.gov/srh/jetstream/clouds/cloudwise/types.html>

Answer the following questions ……

1.) Name the 10 main types of clouds.

2.) Name and describe the 4 main types of clouds based on appearance

3.) Name and describe the 3 types of clouds based on altitude.

4.) What are the two things clouds are classified by?

5.) What is the name of the clouds that are low-layered and cause gray

over-cast skies?

Visit these websites to learn more about Cirrus clouds: Identify two other facts about the clouds from EACH site…..

6, 7) <http://www.cityofportsmouth.com/school/dondero/msm/weather/cirrus.html>

8, 9) [http://ww2010.atmos.uiuc.edu/(Gh)/guides/mtr/cld/cldtyp/hgh/crs.rxml](http://ww2010.atmos.uiuc.edu/%28Gh%29/guides/mtr/cld/cldtyp/hgh/crs.rxml)

Visit these websites to learn more about Stratus clouds: Identify two other facts about the clouds from EACH site…..

10,11) <http://www.cityofportsmouth.com/School/dondero/msm/weather/stratus.html>

12,13) [http://www.windows.ucar.edu/tour/link=/earth/Atmosphere/clouds/stratus.html](http://www.windows.ucar.edu/tour/link%3D/earth/Atmosphere/clouds/stratus.html)

Visit these websites to learn more about Cumulus clouds: Identify two other facts about the clouds from EACH site…..

14,15) <http://www.cityofportsmouth.com/School/dondero/msm/weather/cumulus.html>

16,17)[http://www.windows.ucar.edu/tour/link=/earth/Atmosphere/clouds/cumulus.html](http://www.windows.ucar.edu/tour/link%3D/earth/Atmosphere/clouds/cumulus.html)

Visit these websites to learn more about Cumulonimbus clouds: Identify two other facts about the clouds from EACH site…..

18, 19) [http://www.windows.ucar.edu/tour/link=/earth/Atmosphere/clouds/cumulonimbus.html](http://www.windows.ucar.edu/tour/link%3D/earth/Atmosphere/clouds/cumulonimbus.html)

20, 21)[http://ww2010.atmos.uiuc.edu/(Gh)/guides/mtr/cld/cldtyp/vrt/cb.rxml](http://ww2010.atmos.uiuc.edu/%28Gh%29/guides/mtr/cld/cldtyp/vrt/cb.rxml)

22) NOW…. Go to this Interactive Lab Site and classify each type of cloud – answer these on-line and indicate your points scored.

<http://www.pbs.org/wgbh/nova/labs/lab/cloud/research/classification/>