**Third Grade- Cloud Web Quest**

**Introdu****ction**

 You have only to look up into the sky to try your luck at weather forecasting.  Clouds give us a clue about what is going on in our atmosphere and how the weather might change in the hours or even days to come.  Each type of cloud forms in a different way, and each brings its own kind of weather.

 The Big Question:

 What are the three kinds of clouds and what do they tell us about the weather?

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**The Tas****k**

1. You and a partner will learn all about clouds.

2. Write 3 descriptive words describing clouds. (size, shape, color)

3. Listen to a song about clouds. Read a poem about clouds.Write 3 main cloud forms.

4. Look at different types of clouds. Draw a picture of a cloud and label it.

5. Do cloud word search.

6.Play a cloud matching game.

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**The Proces****s**

Activity 1: What can you see in the clouds?

<https://ca.pbslearningmedia.org/resource/evscps.sci.life.clouds/clouds-and-weather/#.WLm5nxIrKCQ>

  Activity 2: How is a cloud formed?

<https://www.turtlediary.com/video/what-are-clouds.html>

 Activity 3: Are all clouds the same?

Click on the web links below to see some pictures of clouds. On your graphic organizer write down some words to describe clouds.

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

<https://www.youtube.com/watch?v=QAqeFSa60TE>

Activity 4: Read some poems about clouds.

Meet the Clouds

*Cirrus Clouds*

**These icy clouds are way up high.**

**They're just like feathers in the sky**

**or silky strands of cotton curls.**

**The sun shines through these painted**

**whirls.**

*Cumulus and Cumulonimbus Clouds*

**Some clouds look like an ocean whale,**

**a flock of sheep, a dragon's tail.**

**Although these clouds are lots of fun,**

**sometimes tornadoes hide in one!**

*Stratus Clouds*

**The clouds that hang low to the ground**

**often foretell that snow is bound**

**to fall, or rain, or icy sleet.**

 **They look like soft gray woolly sheets**

**It's fun to look at clouds all day**

**and guess there names each time you play.**

**Whale or dragon, sheep or feather,**

**All clouds help predict the weather!**

By Christine Lock

Activity 5: Check out the following web link to hear a song about clouds.

https://www.youtube.com/watch?v=sA9485Zt-ZM

 Activity 6: Play the cloud matching game. Go to the following link.

<http://www.eo.ucar.edu/webweather/cloudmatch.html>

Activity 7: Click here to complete the activity <http://studyjams.scholastic.com/studyjams/jams/science/weather-and-climate/clouds-and-precipitation.htm.>

Activity 8: Can you predict the weather by looking at the clouds?

You are now well on your way to becoming a cloud watching expert. Go outside and watch the sky. What kinds of clouds do you see? What do these clouds tell you about the weather?

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**Evaluat****ion:**

         **Did you complete all the activities and answer all the questions?**

         **Did you work cooperatively with your team?**

         **Did you check your work for spelling, punctuation, and capitalization?**

         **Exchange papers. Check your teammates' writing for neatness and accuracy.**

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**Conclusio****n:**

**You have completed your Cloud Webquest! You should understand what a cloud is and be able to describe the three major types of clouds. You can now predict the weather. Congratulations!!! You are on your way to being a Weather Channel stormchaser!!**

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**Credits &****References**

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

<http://www.teachersdomain.org/resources/ess05/sci/ess/watcyc/cloudtype/index.htm>

<http://www.teachersdomain.org/resources/ess05/sci/ess/eiu/clouds/index.html>

<http://pages.framingham.k12.ma.us/k8resources/Science/weather.htm>

<http://www.harrythecat.com/graphics/>

<http://www.wxdude.com/cloud.html>

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**Standar****ds**