NAME _____ CLASS _____

CLASSIFYING CLOUDS
MAKING A CLOUD SCRAPBOOK

ACTIVITY INTRODUCTION/EXPECTATIONS
Upon completion of this activity, you should know or understand:
- How clouds form.
- Cloud types.
- Use of technology to record clouds.
- How to use a cloud chart.
- The weather associated with certain clouds

ACTIVITY DESCRIPTION
This will be an on-going activity that will take a little time thought the year. You will be given the opportunity to take pictures of different cloud formations you observe, or of different weather phenomena that occur like rainbows, sun dogs and so on. You will put a scrapbook together with your pictures and a description of the clouds, and the weather associated with them.

MATERIALS
- Digital or disposable camera
- Scrapbook
- Cloud chart or guide book
- Dividers for the scrapbook
- Pen and paper
- Cloud data sheets
- Tape

METHODS/PROCEDURES
- Use the camera to take pictures of clouds or other weather happenings in your area at different times of the day.
- After the pictures are developed, put them in the scrapbook with their information from your cloud data sheets
- Determine what type clouds you have photographed and put them in the scrapbook in the appropriate place.

RESULTS/CONCLUSIONS
1. What time of day were most clouds photographed? _____

2. What type of clouds were photographed most often?

3. What type of clouds were seen or photographed least often?

4. What type of clouds do you like best? Why?

5. What type of clouds do you like least? Why?

6. Would it be possible to forecast the next day's weather using the clouds?

CLOUD DATA SHEET

NAME _____

Where were you when you photographed the clouds?

What direction were you facing?

What time was it?

What was the date?

What was the approximate weather when you took the picture?

Temperature _____
Wind _____ from the _____
The sky was (mostly clear, cloudy, partly cloudy) _____.

What was the weather like 12 hours after the picture?

What was the weather like 24 hours after the picture?