



Objective: To identify and describe examples of the four major cloud families and to identify the type of weather associated with each type of cloud.

1. Each student will make a booklet that is 15 pages long. **This is worth 100 test points so do a good job!**

2. The first page is the title page. It must have the following:
Your name, the teacher's name, the room number (104), the class name (Atmospheric Science), the date the booklet is due, the title of the booklet (most likely: Cloud Booklet).

2. Four pages must act as section dividers. They should contain the family cloud names: High clouds, Middle Clouds, Low Clouds, and Multi-Level Clouds. An illustration is not required but you would receive bonus points for pictures on these "family" pages.

3. The remaining pages must have one cloud per page. Each cloud page must include:

- a. Name of the Cloud at the top.
- b. A picture of the cloud as seen from the ground.
- c. A picture of the cloud as seen from a satellite.
- d. A written description of the cloud.
- e. A written description of the type of weather (if any) associated the cloud type.

4. Each booklet must be neat and colorful and legible.

5. Bonus points will be awarded for extra sections on other cloud families, such as: lenticular clouds, orographic clouds, contrails, billow clouds, mammatus clouds, and/or pileus clouds.

SUGGESTIONS:

1. Use google.com or yahoo.com to find pictures of clouds.
2. Use your flashcards for descriptions of clouds and weather.
3. Ask your teacher for help finding photos of clouds.
4. Find photos of clouds in old magazines.