"Scientists Are Thinkers"

Question/Problem: What do we want to find out?

Do all clouds produce rain/snow (precipitation)?

Hypothesis: What do we think we will find out? Make a prediction.

Not every cloud produces rain

Materials: List what you will need to test the hypothesis

1. Chart to record the looks of clouds and whether there is precipitation or not.
2. Pen/pencil

Procedures/Steps: State step by step what you are going to do……specifically

1. Start on day one and record the appearance of the clouds if any (ex: puffy, dark grey, scattered, etc.) and whether there is any precipitation
2. Do this for 20 days (excluding weekends)

Observe and Record Data: List, picture, chart, graph

Create a chart listing the cloud appearance in one column and whether there is precipitation or not in the other column

Analysis/Results: What does the data tell us?

From the data, we can see that there were several days when there were clouds but not all clouds produce precipitation.

Conclusion: What did I learn? What does it make me want to learn next?

Not all clouds produce precipitation. Usually dark clouds produced precipitation.

Once we learnt he types of clouds we can redo this experiment based on cloud type (more specific)