

CASE STUDIES - NATURE OF SCIENCE

Group Members:

Class Period:

Instructions:

1. Decide who will be responsible for each group role: *Facilitator, Recorder, Reporter, Materials Manager, and Team Captain.*
2. *Materials Manager* retrieves materials from teacher.
3. *Facilitator* reads through the instructions and checks to make sure everyone understands what the team needs to do to complete this assignment.
4. *Team Captain* reads the Case Study to the group.
5. *Facilitator* leads the group through each of the questions
6. *All Group Members* participate in helping to answer the questions. If someone is not participating, the *Team Captain* can ask the person what their thoughts are on a particular question(s).
7. *Materials Manager* sorts through the Nature of Science cards and puts them in order based on what the scientist did
8. *Recorder* writes down group answers and turns in assignment to Canvas
9. *Reporter* shares with class what the team has learned about the scientist in their case study and how the scientist used the Nature of Science process.
10. If there is a question that your group cannot answer about the scientist, the *Team Captain* should reread the case study to the group, and then decide if your group needs to use internet to find the answer. If the internet is needed, the *Materials Manager* will use their computer to find the answer based on direction from the group.

Questions: ALL ANSWERS SHOULD BE WRITTEN IN COMPLETE SENTENCES!!!!

1. Who is the scientist that you are reading about?
2. What field(s) of science does this scientist work in?
3. What significant finding, discovery, theory, etc. did this scientist participate in?

4. When and where did this scientist live?
5. Were other scientists involved in the finding, discovery, theory, etc.? If so, who?
6. What process did the scientist go through to make the finding, discovery, theory, etc.?
7. Below, use the diagram to trace the scientists efforts:

