

Designing Craters: Creating a Deep Impact

Poster Presentation Guidelines

STUDENT HANDOUT

BACKGROUND INFORMATION

Scientists studying the same subject often meet at conferences or symposiums. The purpose of these meetings is to share your research results and learn about what research others have done to increase your understanding of your field. There are several ways in which scientists present their information at these conferences. One way is to put together a "poster." This is a display similar to what you've probably done or seen done for school science fairs. These posters are all displayed together, and scientists move from poster to poster to get a feel for the research. Sometimes the scientist who authored the poster will give a very short talk right next to the poster and answer questions other scientists may have.

DIRECTIONS

We are going to hold our own "Deep Impact Cratering Symposium" here in class. Each group is responsible for creating a poster that displays information about your experiment, your results, and your conclusion. Below are the Symposium standards for poster submission.

Introduction & Experiment
The specific factor being tested is clear
Experiment procedures are described in detail so that it can be repeated
The quantified measurements are explained clearly to show what they were and how they were determined
Data
Results of experiment are presented clearly
Data displayed in graphs - where possible: graph of factor tested vs. crater diameter, and factor tested vs. crater depth
Any anomalous, irregular, or bad data are explained
Conclusions
Clearly states whether factor does or does not affect crater size, or if results were inconclusive
Explains how data supports the conclusion
Describes any patterns that illustrate how test factor affected crater size
Visual Presentation
Neat and easy to read
Sections are clearly labeled
Layout makes it easy to follow what happened in the experiment and what the results were