

Pre-lab for Exploring Impact Cratering Lab

1. Describe the formation of terrestrial planets in the solar system and the role that impact cratering had in this history?
2. Give examples of evidence of impact cratering on the Earth. Why do we not see many large impact craters? Compared to other planets are the craters we find on Earth large, medium, or small craters?
3. What do you think might be the differences between an internal explosion or eruption (like a volcano) and an external impact? They can both produce craters or basins – think about what the physical differences would be between the two types.