

Extensions

1. Few Craters on the Earth.

Craters cover the Moon's surface; we can see them easily with a telescope. Why do we find few craters on Earth, and why is it so hard to find them?

2. Craters in the Sea.

Only a handful of impact craters have ever been discovered under the sea. One reason is that the sea floor is harder to get to and to study than places on land. There is another reason. What is it?

3. Craters Around the Globe.

Visit a world map of impact craters at: http://gdcinfo.agg.emr.ca/crater/world_craters_e.html
Have more impact craters been discovered in some places than in others? Where are these "clusters" of craters? Why are they where they are and not somewhere else?

4. Impact on Jupiter.

Jupiter was hit by fragments of an object designated Comet P/Shoemaker-Levy 9 in 1994. [<http://www.jpl.nasa.gov/sl9/>] No craters were made by this impact. Why not?

5. Impacts Elsewhere in the Solar System.

Would you expect to find impact craters on solid bodies in the rest of the solar system? Why or why not?
