

# From Space to Earth: Meteor Crater

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## Student Handout: Final Reflection and Assessment on Impact Craters

### What do you know now about impact craters?

1. How is an impact crater's appearance different from a volcanic crater? (lesson 1)
2. Where are impact craters located on Earth? (lesson 2) What is the biggest known crater and where is it? How old is the oldest known crater?
3. How do different variables affect the shape of the hole and the resulting destruction caused by a meteorite impact? Are some variables more significant than others? (Lesson 3)
5. Why did it take so long for the scientific community to accept impact crater origin theories? (lesson 4)
6. What have you learned about the scientific process from your own experience and from learning about the scientific controversy over Barringer Meteorite Crater in Arizona? (lessons 1-4)
7. What questions do you now have about impact craters? List at least 3. Where could you go to get answers to these questions? Consider the various resources you have used in the past lessons.