



Asteroid Impacts

An Amazing
Fact a Day

About 35 million years ago an asteroid measuring approximately 8km across slammed into Siberia in Russia at 15-20km a second and created a field of diamonds bigger than all of the other diamond fields on Earth combined.

You could try to find out:

- Why the diamonds haven't been mined.
- What an industrial diamond is.
- The other effects caused by the asteroid.

The Earth has a long history of asteroid impacts. The Earth's craters are enduring testaments to direct asteroid hits. Here is a list of the top ten asteroid impacts on Earth. Can you mark them on the world map?

1. Vredefort Crater

Asteroid impact date: Estimated 2 billion years ago

Location: Free State, South Africa

2. Sudbury Basin

Asteroid impact date: Estimated 1.8 billion years ago

Location: Ontario, Canada

3. Acraman Crater

Asteroid impact date: Estimated 580 million years ago

Location: South Australia, Australia

4. Woodleigh Crater

Asteroid impact date: Estimated 364 million years ago

Location: Western Australia, Australia

5. Manicouagan Crater

Asteroid impact date: Estimated 215 million years ago

Location: Quebec, Canada

6. Morokweng Crater

Asteroid impact date: Estimated 145 million years ago

Location: North West, South Africa

7. Kara Crater

Asteroid impact date: Estimated 70.3 million years ago

Location: Nenetsia, Russia

8. Chicxulub Crater

Asteroid impact date: Estimated 65 million years ago

Location: Yucatán, Mexico

9. Popigai Crater

Asteroid impact date: Estimated 35.7 million years ago

Location: Siberia, Russia

10. Chesapeake Bay Crater

Asteroid impact date: Estimated 35 million years ago

Location: Virginia, United States

