

Name: Class Copy

Period:      Subject: Int Science

## Activity 4 - Impact Events

### *Read - Questions*

#### **Asteroids:**

1. What evidence is there that there were even more asteroids around in the early solar system?
2. About how many asteroids in our solar system are 1 km or larger in size?
3. How often do scientists think asteroids 1 km or larger impact with the Earth?
4. What evidence do scientists base this frequency of impacts on?
5. How big do scientists think the asteroid was that wiped out the dinosaurs?

#### **Comets:**

6. What are comets made of?
7. What direction do comets' tails always point?
8. Describe what scientists think happened in 1908 in Russia.

#### **Meteoroids, Meteors, and Meteorites**

9. Describe the difference between meteoroids, meteors, and meteorites.
10. How much material is added every year to the Earth by meteorites?