**EARTH COMET COLLISION ANIMATION USER GUIDE**

COMP 4471 – COMPUTER GRAPHICS

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**Earth Comet Collision Animation**

A comet is on a straight line trajectory to the Earth. It will eventually impact and an explosion will occur.

**Controls**

There are no controls for the animation except to restart it, which can be done by pressing the [ENTER] key.

**Starting the animation**

To start the animation, simply double click on the *comet.html* file and the animation will begin immediately in your preferred internet browser. We recommend Chrome for the best experience, which can be downloaded at <https://www.google.com/chrome/>.

The Earth and Moon will be rotating in their respective positions, and the Sun will be to the right. A comet will appear in the top right corner of the screen accompanied by a particle trail. The comet will be on a straight line trajectory to the Earth and will eventually impact and create an explosion. The explosion will create a bubble-like explosion that rotates with the Earth. Once the explosion is over it will disappear and the simulation will be over and the Moon and Earth will continue to rotate in orbit.