

COSMOS: A Spacetime Odyssey

The World Set Free



In this documentary series which recreates and updates the classic Carl Sagan COSMOS series, Neil deGrasse Tyson brings you the state of current understanding of our world around us.

We will watch the 12th episode in the series titled *The World Set Free*. It focuses on the greenhouse effect, both here on Earth and our solar system neighbor, Venus.

I want you to watch this episode in class (it is also available on [Hulu.com](http://www.hulu.com/watch/643055): <http://www.hulu.com/watch/643055>)

The greenhouse effect is a startlingly simple process that has been affecting Earth since the formation of our solar system. When it runs as it had for millennia (before the 20th century) it is not a problem for life on our planet. But as we have discovered fossil fuels and put them into broad usage, the additional movement of CO₂ from sources deep within the crust of the planet being moved (by burning) into the atmosphere we are magnifying the effects of the greenhouse effect and jeopardizing the Earth we know.

Write a 1-page response paper (approximately 350 – 500 words) describing some of the possible ways we as a society and you as an individual can modify our practices in order to reduce the effects of global warming.

This will be due on Thursday, June 12, 2014

LATE WORK WILL NOT BE ACCEPTED

LINK TO THIS VIDEO ON HULU.COM

<http://www.hulu.com/watch/643055>