



Environment & Sustainability

Geography of Canada
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Environment & Sustainability

1. How Much Land do we Have?
2. Defining the Environment and Sustainability
3. Who Will Speak for the Trees?



How Much Land do we Have?





Defining Environment & Sustainability

- **Stewardship** refers to the responsibility we all have to the environment and resources that has been left to us by our ancestors. We are all stewards to our planet.
- **Sustainability** refers to the ability to develop in order to meet the needs of the present without negatively affecting the ability of future generations to meet their needs

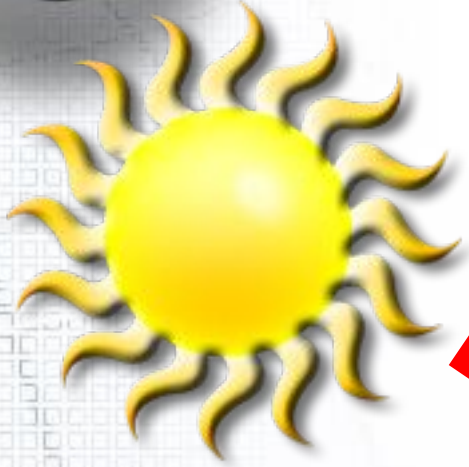


Defining Environment & Sustainability

- If we are not all following our role as stewards in the global village, then we will not have a sustainable environment for our future children.
- *“We do not inherit the earth from our grandparents, we borrow it from our children.”*
- We must all do our part to keep our consumption of resources to a minimum, and to keep the environment around us clean.
- **Are you doing your part?**



How a Greenhouse Works

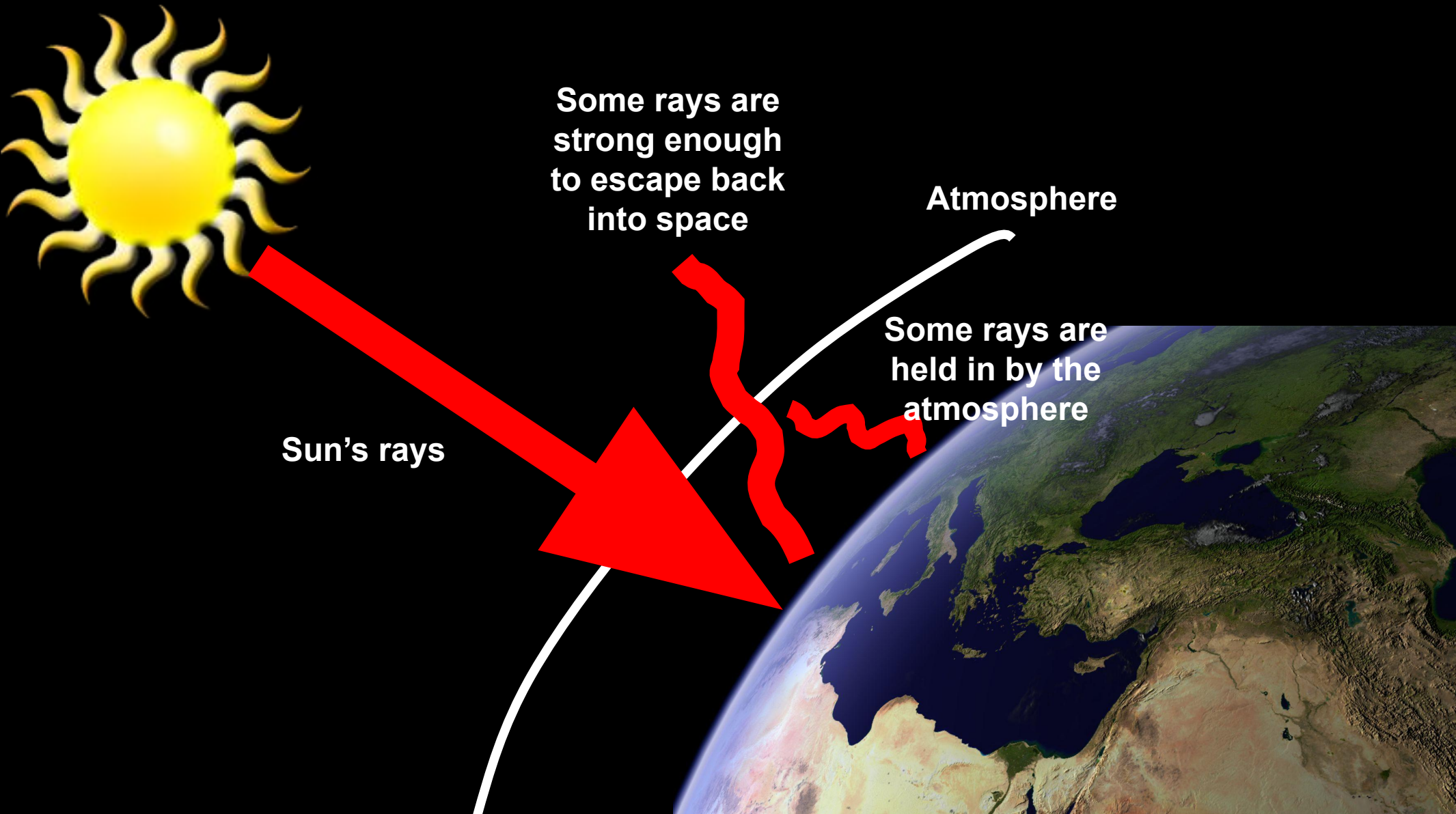


The sun's rays are strong enough to pierce through the glass of the greenhouse.

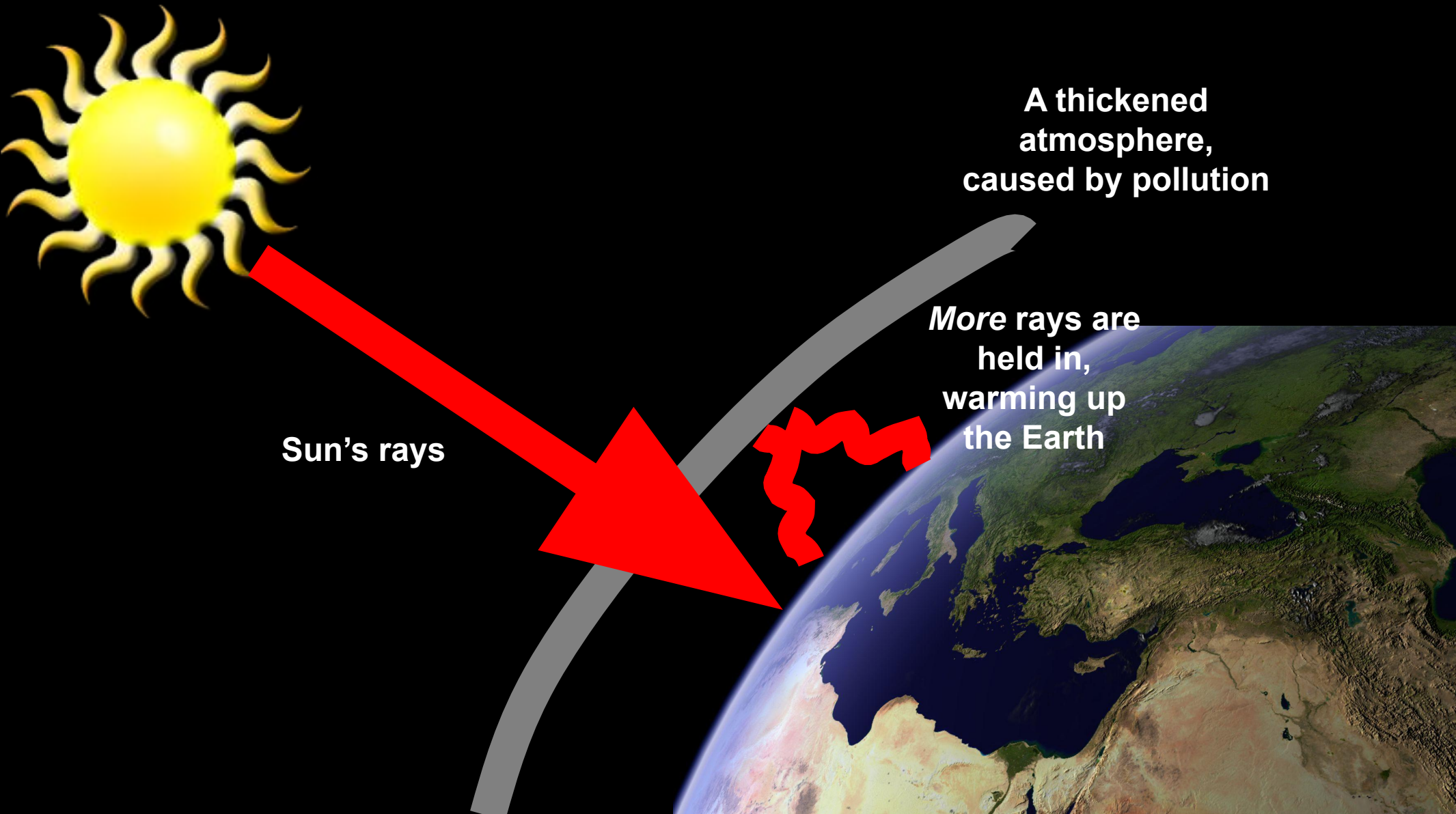
The rays become weaker once they bounce off something, so they are not all able to pierce back through the glass... the temperature inside rises.



The Greenhouse Effect - Then



The Greenhouse Effect - Now





Defining Environment & Sustainability

- **Climate Change** is a major shift in the overall temperature levels of the Earth (up or down).
- **Global Warming** is the rising of the average temperature of Earth.
- The **Greenhouse Effect** is the trapping of heat by the Earth's thickened atmosphere. This is caused by pollution.



Who Will Speak for the Trees?

