



TEACHING HUMAN DIGNITY

Climate Change Investigation

STUDENT GUIDE

For this assignment, you'll explore the reality of climate change from three different angles—*the science of climate change, the morality of climate change, and responding to climate change*. For each angle, you will be required to review videos and articles from the provided list of curated resources and use these to answer the accompanying questions.

As you work on this project, be creative in the way you present the information.

The Science of Climate Change

- ◆ Include your name in a prominent location.
- ◆ Include at least one picture. Be sure to reference the source(s).
- ◆ Include at least one of the videos provided in the curated sources. Write a short summary (2-3 sentences) of the video.
- ◆ You must paraphrase (in your own words) at least two of the articles provided in the curated resources. Be sure to reference each article.

Answer the following questions:

- ◆ What three molecules are considered to be greenhouse gases?
- ◆ How do these greenhouse gases enter the atmosphere?
- ◆ How do these greenhouse gases contribute to climate change?
- ◆ What evidence proves that climate change is caused by human activity?
- ◆ How do we know that this evidence is trustworthy and reliable?

The Morality of Climate Change

- ◆ Include your name in a prominent location.
- ◆ Include at least one picture. Be sure to reference the source(s).
- ◆ Include at least one of the videos provided in the curated resources. Write a short summary (2-3 sentences) of the video.
- ◆ You must paraphrase (in your own words) at least two of the resources provided in the curated resources. Be sure to reference each resource.

Answer the following questions:

- ◆ According to the Catholic Church, why is climate change a moral issue?
- ◆ What are five ecological effects that climate change has on the planet, including its land, water, air, wildlife, and plants?
- ◆ What are five sociological effects that climate change has on humanity, including the poor, minority groups, and other countries?

Responding to Climate Change

- ◆ Include your name in a prominent location.
- ◆ Include at least one picture. Be sure to reference the source(s).
- ◆ Include at least one of the videos provided in the curated resoures. Write a short summary (2-3 sentences) of the video.

Answer the following questions:

- ◆ What are 10 specific ways that we can combat climate change at our school (or in another community you belong to)?
- ◆ Why are each of these actions or activities helpful to combat climate change?

The McGrath Institute for Church Life partners with Catholic dioceses, parishes, and schools to address pastoral challenges with theological depth and rigor. By connecting the Catholic intellectual life to the life of the Church, we form faithful Catholic leaders for service to the Church and the world.



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