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Crash Course CLIMATE AND ENERGY #11: The Hidden Price of Climate Change

Name: _____ Date: _____

You can access the video here → <https://youtu.be/ML70W406F4E?si=XH25UB9fIsfPMs.cqk>

- Climate scientists agree that we need to reduce our _____ emissions to avoid the worst impacts of climate change.
- One of the best ways to cut emissions is to move away from _____ as our main energy source.
- Many countries have set targets to become _____ by 2050.
- Fossil fuels are so embedded in our lives that transitioning away from them involves _____, political, and social challenges.
- A liter of gasoline contains as much energy as three to four sticks of _____.
- Fossil fuels are valued because they are energy-dense, _____, and cheap.
- Governments often support fossil fuels using financial _____, which reduce their prices.
- A _____ is a cost passed on to someone other than the producer or consumer.
- Air pollution from fossil fuel power plants can lead to higher rates of asthma, _____, and heart disease.
- The healthcare costs related to fossil fuel energy in the U.S. are estimated to be up to _____ billion dollars per year.
- The greenhouse gases from fossil fuel combustion contribute to rising sea levels, which could cost the world _____ trillion dollars annually by 2100.
- Energy usage and economic _____ have historically gone hand in hand.
- A sudden loss of fossil fuel imports in Cuba led to a crisis known as the _____ Period.
- Political parties are sometimes influenced by the fossil fuel industry through _____ contributions.
- Some fossil fuel corporations spread _____ to cast doubt on climate science and resist regulation.

Crash Course CLIMATE AND ENERGY #11: The Hidden Price of Climate Change KEY

- Climate scientists agree that we need to reduce our **greenhouse gas** emissions to avoid the worst impacts of climate change.
- One of the best ways to cut emissions is to move away from **fossil fuels** as our main energy source.
- Many countries have set targets to become **carbon-neutral** by 2050.
- Fossil fuels are so embedded in our lives that transitioning away from them involves **economic, political, and social** challenges.
- A liter of gasoline contains as much energy as three to four sticks of **dynamite**.
- Fossil fuels are valued because they are energy-dense, **versatile**, and cheap.
- Governments often support fossil fuels using financial **subsidies**, which reduce their prices.
- A **negative externality** is a cost passed on to someone other than the producer or consumer.
- Air pollution from fossil fuel power plants can lead to higher rates of asthma, **cancer**, and heart disease.
- The healthcare costs related to fossil fuel energy in the U.S. are estimated to be up to **\$85** billion dollars per year.
- The greenhouse gases from fossil fuel combustion contribute to rising sea levels, which could cost the world **\$4** trillion dollars annually by 2100.
- Energy usage and economic **growth** have historically gone hand in hand.
- A sudden loss of fossil fuel imports in Cuba led to a crisis known as the **Special** Period.
- Political parties are sometimes influenced by the fossil fuel industry through **campaign** contributions.
- Some fossil fuel corporations spread **misinformation** to cast doubt on climate science and resist regulation.

15 Questions

Answer Key Included

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