

Worldwide Problems

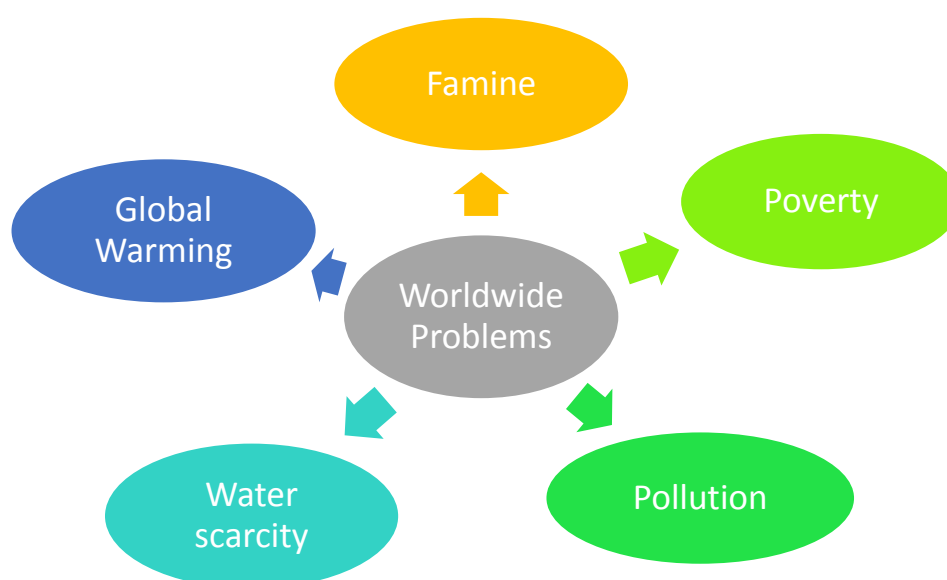
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Things you should know in this course:

- Example of Worldwide problems
- Understanding the phenomena of Greenhouse effect & Global Warming
- Vocabulary related to Worldwide problems
- An essay about nuclear energy

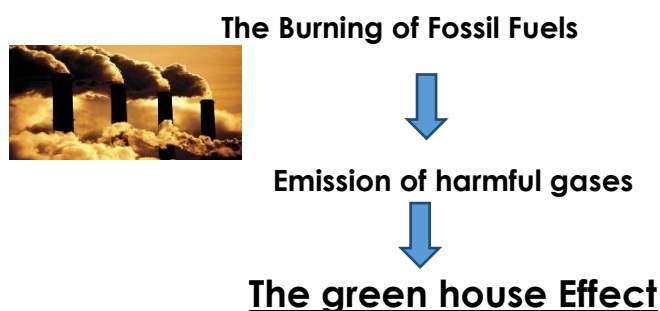
1. Example of Worldwide problems

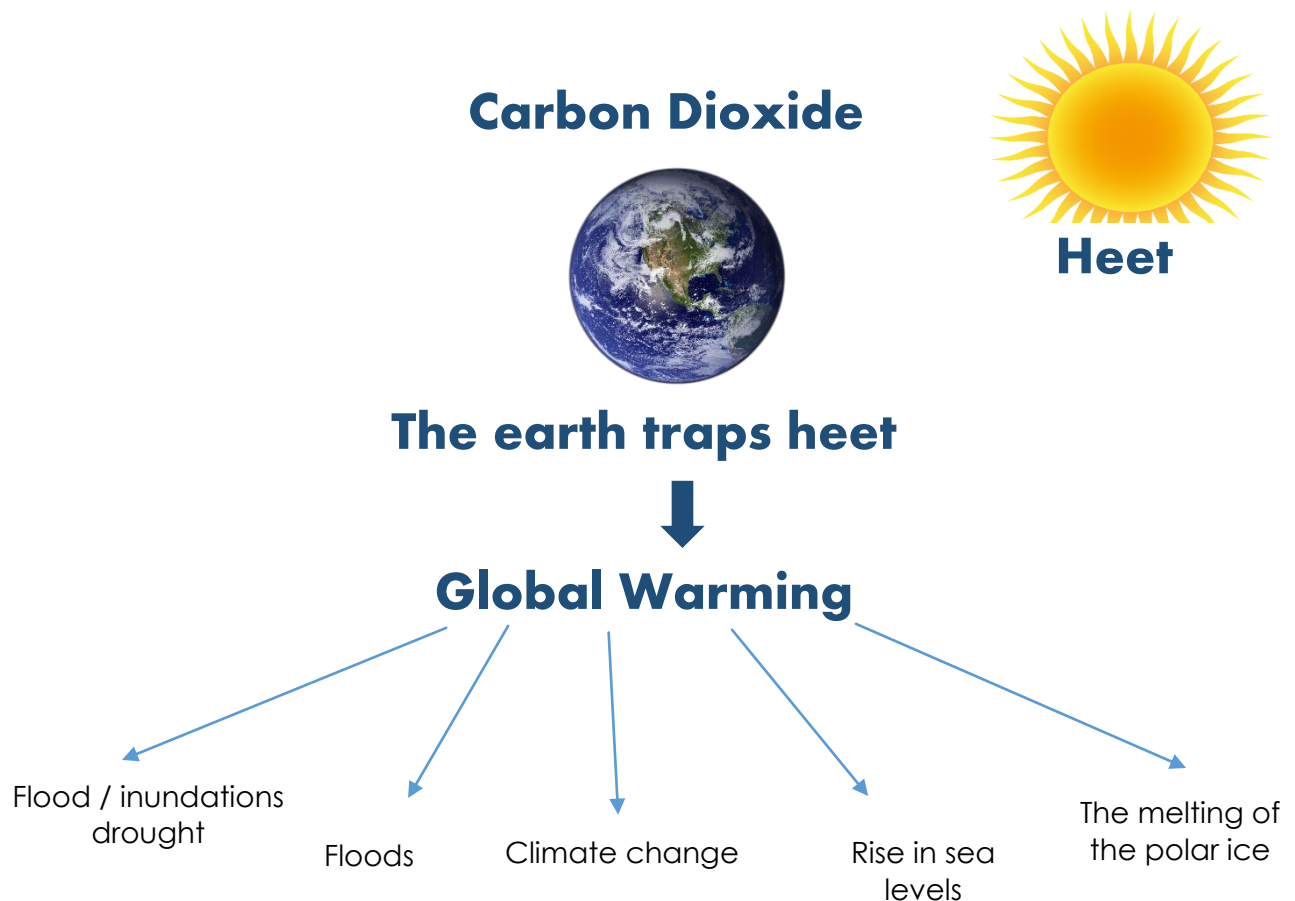
Worldwide = Universal = Global



Famine = Starvation = Hungry
To starve = to die from famine

2. The Greenhouse effect & Global Warming





3. Vocabulary related to worldwide problems

Noun	Adjective	Noun	Verb
catastrophe	catastrophic	explosion	To explode
disaster	disastrous	invasion	To invade
tragedy	tragic	floods	To flood
wounds	wounded	inundation	To inundate
injuries	injured	cancellation	cancel
death	Dead / dying	flights	fly

• Other useful vocabulary

- ❖ Epidemic / endemic / pandemic = a contagious disease
- ❖ The death toll = the number of dead people
- ❖ Damaged = destroyed = devastated
- ❖ To flee = to escape
- ❖ To break out = to start suddenly => Break out (N)
- ❖ Incomes = revenues
- ❖ Credible = believable ≠ incredible = unbelievable
- ❖ To mitigate = to reduce the effect of

Eg: Prices in Tunisia are soaring = have rocketed up

Eg: The purchasing power of the Tunisian is plummeting

4. An essay about nuclear energy

Do you approve or disapprove with the following idea : « Nuclear energy is the energy of the future. » Develop your opinion with solid arguments

• Introduction

Growing concerns over climate change have highlighted the need to step up contribution of nuclear energy in the energy mix and to reduce the dependence on fossil fuels in the years to come. Some might assume that **« Nuclear energy is the energy of the future. »** I strongly approve / disapprove this statement for several reasons.

• The Body part

Arguments for / Merits / Advantages	Arguments against / Disadvantages / Drawbacks / Limitatione
First , nuclear energy is relatively clean in comparison with fossil fuels as it has the ability to produce electricity without greenhouse gas emissions	First , it is a non-renewable energy source and I think it is better to invest in renewable energy such as solar and wind energy which are self-replenishing.
Second , it is very powerful as a Nuclear reaction releases a million times more energy, as compared to hydro or wind energy	Second , it is very costly as it needs well-equipped nuclear plants and highly skilled people.
For example , from a little uranium, you can produce a lot of energy	Third , there are issues with the management of radioactive waste. The spent fuel is highly radioactive and has to be carefully stored for many years after use.

Then, although nuclear power reactors are expensive to build, they are relatively cheap to operate.	Then, It is highly risky. For instance, an accident may cause a major disaster resulting in thousands of casualties and releasing high amounts of radiation into the environment like the explosion of a reactor at Chernobyl in the Nuclear Power Plant in Ukraine
Finally, a nuclear plant is not dependant on local sources like oil and coal and can be set up in any part of the globe.	Finally, atomic bombs might be misused to create horrific results and to devastate an entire region such as the case of Hiroshima and Nagasaki.

• Conclusion

Today, nuclear energy remains controversial. There are proponents and opponents of nuclear energy, but nuclear energy along with other green energies has a major role to play in years to come.