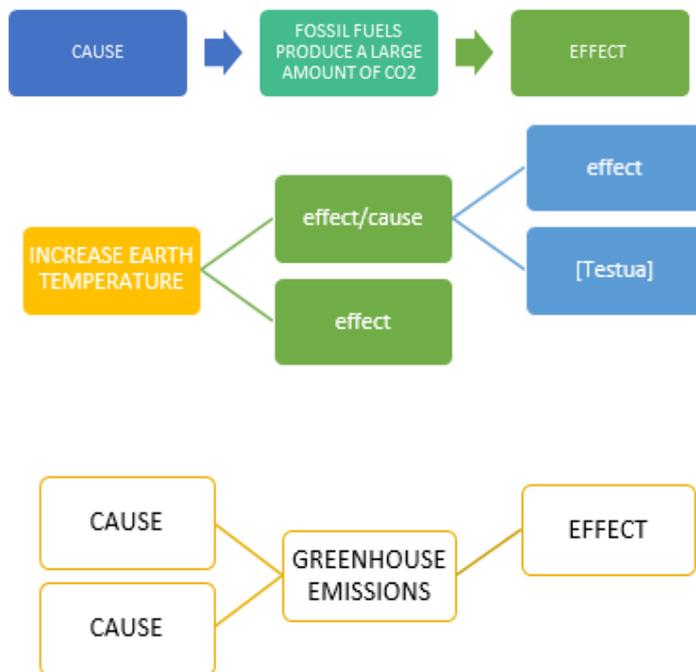


Climate Change Step 1, Part 2 – Students handout 2

CLIMATE CHANGE: CAUSE & EFFECTS

The main cause of climate change is the emission of greenhouse gases, especially CO₂ and methane. The (increased) emission of these gases is caused mainly by human actions during the last centuries. Such gases cause a variety of effects that, at the same time, are the cause of different effects. It is also possible that an effect is triggered by different causes, or that a cause creates different effects. To dive deeper into this cause-effect relationship and the option of multi-causality, please choose from these flow charts and use them to create cause-effect chains including some of the provided statements.



- ANIMALS AND PLANTS HAVE TO MIGRATE
- DESERTIFICATION
- DIET BASED ON MEAT
- EARTH TEMPERATURE IS INCREASING
- FLOODING IS BECOMING MORE FREQUENT
- FOSSIL FUELS PRODUCE A LARGE AMOUNT OF CO₂
- GLACIERS ARE MELTING
- GREENHOUSE EMISSIONS
- HEAVY PRECIPITATION IS MORE FREQUENT
- HIGH TEMPERATURE EXTREMES
- INCREASE OF EARTH TEMPERATURE
- INCREASE OF OCEANIC TEMPERATURE
- INCREASE OF GREENHOUSE GAS EMISSION
- LARGE WILDFIRES OCCUR MORE FREQUENTLY
- LESS FOOD FOR POPULATION
- LESS LAND FOR AGRICULTURE
- LESS TREES TO ABSORB CO₂
- MANY SPECIES MOVE TO NEW LOCATIONS
- NEED FOSSIL FUEL FOR INDUSTRY PRODUCTION
- NEED OF FOOD FOR POPULATION
- NEED OF FOSSIL FUEL FOR