1. **Climate change is a fact.**

**CO2MUCH – Think Global, Act Local**

# CO2 quiz

⃝ True ⃝ False ⃝ I don’t know

1. **What do you think are the main causes for climate change?**

⃝ Sun activities ⃝ Volcanic activities ⃝ Human activities

1. **According to this scientific graph, climate change is mainly due to:**



*Source: IPCC Sixth Assessment Report Working Group 1: The Physical Science Basis: https://www.ipcc.ch/report/ar6/wg1/figures/summary-for-policymakers/figure-spm-1 (accessed 12 July 2022)*

⃝ Solar activities ⃝ Volcanic activities ⃝ Human activities

1. **What is the greenhouse effect?**

⃝ The greenhouse effect is a renewable source of energy.
⃝ The greenhouse effect is a natural process that warms the Earth’s surface.
⃝ The greenhouse effect is a type of energy.

1. **The main cause for the increasing level of carbon dioxide and the greenhouse effect is due to chemical transformations from the combustion of fossil fuels.**

⃝ True ⃝ False ⃝ I don’t know

1. **What is the main consequence of the greenhouse effect?**

⃝ Earth temperature decreases
⃝ No consequences
⃝ Earth temperature rises

1. **The main cause of climate change is:**

⃝ the combustion of fossil fuels
⃝ a hole in the ozone layer

1. **What are the main greenhouse effect gases?**

⃝ Water vapour, carbon dioxide and methane
⃝ Ozone, water vapour and methane
⃝ Ammonia, carbon dioxide and water vapour

1. **Carbon dioxide can be dissolved in the oceans.**

⃝ True ⃝ False ⃝ I don’t know

1. **What is the main consequence of increasing carbon dioxide levels in the oceans?**

⃝ Acidification of oceans
⃝ Increase of temperature
⃝ No consequence

1. **What are the consequences of the acidification of oceans on biodiversity?**

⃝ It does not affect marine biology like shells and plankton.
⃝ It affects marine biology like shells and plankton.