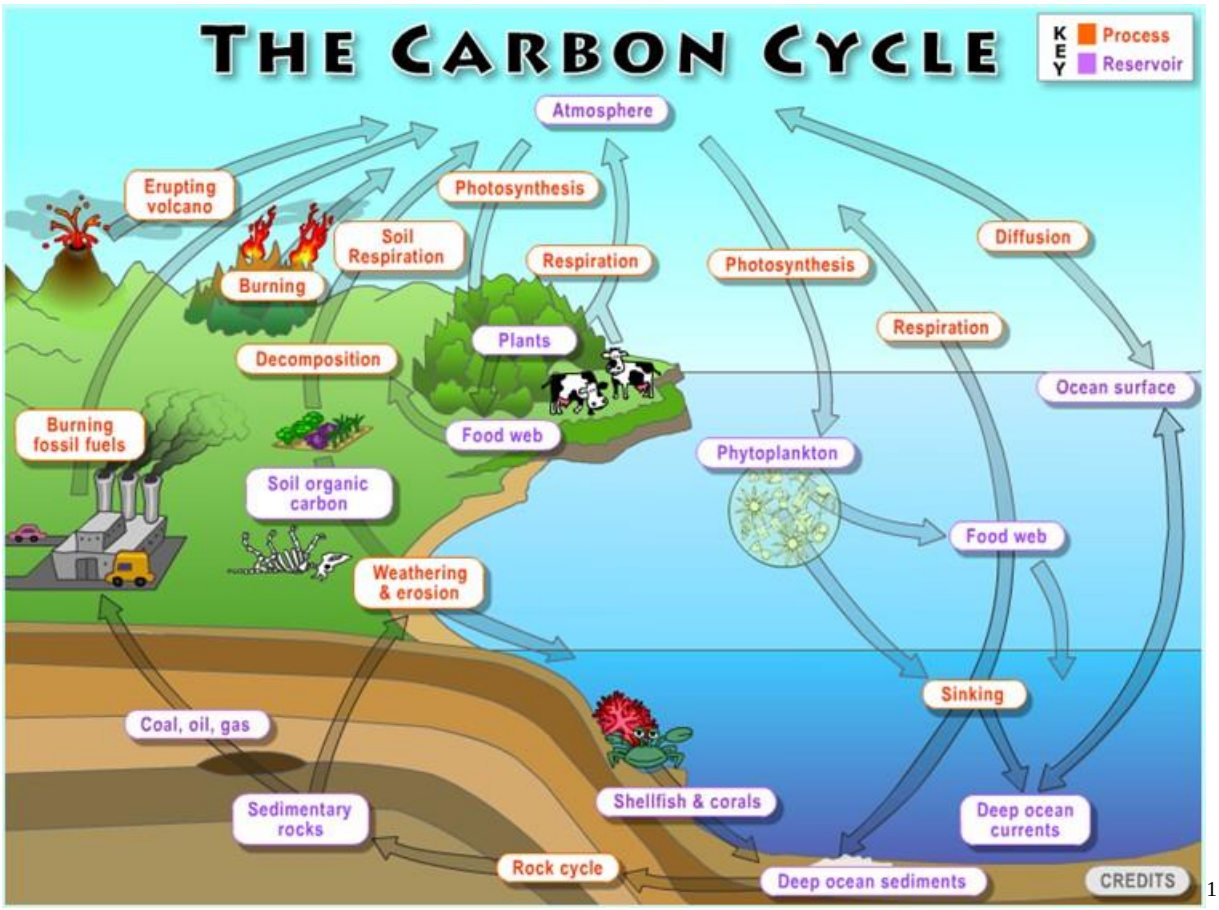
The Carbon cycle –reflection[1].



1

Consider the arrow photosynthesis.

The main primary result of the photosynthesis – the chemical details are complicated – is the CO_2 is converted to glucose ($C_6H_{12}O_6$).

Find the structure of glucose (e.g. slide 28 from class 1) and describe the electron structure at each of the carbon and oxygen atoms. Note that are only a few different types of carbons and oxygens in the molecules.

What are the bonding angle at the atoms?

[1] Science Education Resource Center. Retrieved 31-7-2023 from https://serc.carleton.edu/download/images/56944/global_carbon_cycle_1427132279.jpg under CC BY-NC-SA licence