

Keywords: Spring 1

Chemistry

Topic Title: Chemistry of the atmosphere

Introduction to the topic: How has the atmosphere evolved over time and what is it composed of?

What lessons will you cover during the topic? The early atmosphere and its changed over time, carbon foot prints, green house gases and pollution

| Keyword | Definition |
|--------------------------------|--------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| Fossil Fuel | FOSSIL FUELS form in the ground, over millions of years, from the remains of dead plants and animals. They are natural gas, oil and coal |
| Fractional Distillation | FRACTIONAL DISTILLATION is a way to separate liquids from a mixture of liquids by boiling off the substances at different temperatures, then condensing and collecting the liquids. |
| Hydrocarbon | A HYDROCARBON is a compound containing only hydrogen and carbon |
| Limewater | LIMEWATER (also known as calcium hydroxide solution) is a liquid which can be used to test for the presence of carbon dioxide. |
| Mixture | A MIXTURE is two or more elements or compounds are mixed together but do not bond chemically. |
| Phytomining | PHYTOMINING is the process of extracting metals from ores using plants (e.g. copper). |
| Precipitation | PRECIPITATION is a type of reaction where a solid is made when two liquids are mixed. |