## Structure of the atmosphere

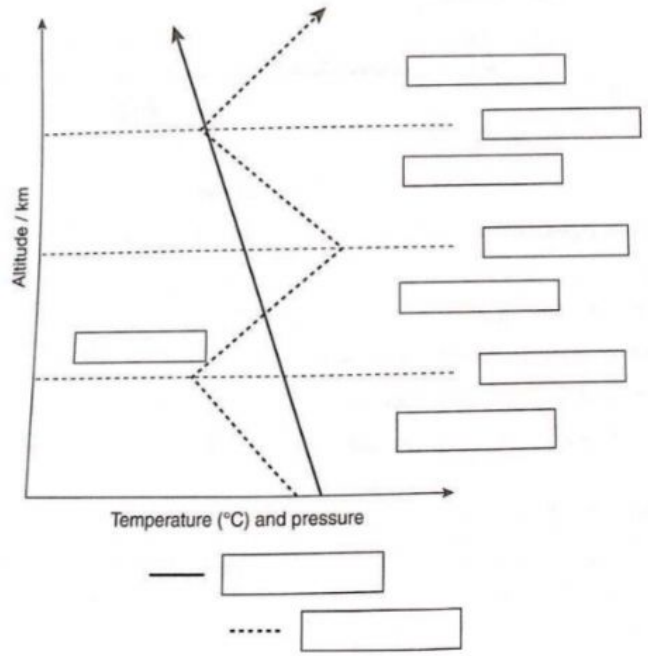
**1. Complete the following paragraph with words supplied in the list below. Beware as some of the words in the list are not correct. Please, when you fill in the gaps, spell the words exactly as they appear in the list or else they will be counted as a mistake.**

| | | | | |
|---|---|---|---|---|
| ozone | 78.09% | oxygen | gases | Nitrogen |
| thermosphere | | | argon | gravity |
| carbon dioxide | | 0.03% | stratosphere | |

The Earth's atmosphere is a mixture of , with some liquids and solids, held to Earth by . is the most abundant gas ( ). This is followed by . A gas which makes less than 0.93% is . Another gas, which is , makes up . Plants make food from this gas via photosynthesis. is a gas found in the that absorbs potentially harmful ultraviolet radiation.

**2. The diagram below shows the structure of the atmosphere. Fill in the blank boxes by dragging and dropping the correct labels from the list below.**

| | | | |
|---|---|---|---|
| mesosphere | thermosphere | stratopause | temperature |
| temperature inversion | pressure | tropopause | stratosphere |
| mesopause | troposphere | | |




**3. Explain how temperature changes with altitude through the layers of the atmosphere. Match the two columns.**

| | |
|---|---|
| **Troposphere** | Temperature increases with height as ozone absorbs incoming ultraviolet radiation. |
| **Stratosphere** | Temperature increases as atomic oxygen absorbs ultraviolet radiation. |
| | Temperature decreases with height as there is no |