

Autumn 2

C13 The Earth's Atmosphere

Aiming for Grade 4

Extended Homework Assignment

Name: _____

Set: _____

Instructions

A printed copy should be handed into your teacher.

The knowledge required to complete this assignment will be supported in class in lessons of the half term.



**OLD BUCKENHAM
HIGH SCHOOL**

Achieving excellence together

C13 The Earth's atmosphere – Aiming for Grade 4

Aims

In this activity you will draw a cartoon-strip timeline that shows how the Earth's atmosphere has changed over time.

Learning outcome

After completing this activity, you should be able to:

- describe how the Earth's atmosphere has changed from its early origins to the present day.

Task

You are going to draw a cartoon-strip timeline that describes how the Earth's atmosphere has changed over time, using the boxes on the next page.

Unfinished sentences about the important changes in the Earth's atmosphere have been provided in the boxes. For each box, complete the sentence and then draw a cartoon-style sketch to illustrate it.

(17 marks)

<p>Volcanoes released lots of c_____ d_____, n_____, and w_____ v_____ into the atmosphere.</p>	<p>The Earth cooled down and the water vapour turned into a l_____. This formed the oceans.</p>	<p>The first l_____ forms evolved and carried out p_____ to make energy.</p>
<p>This p_____ took carbon dioxide out of the atmosphere and formed o_____.</p>	<p>More and more carbon dioxide was taken out of the atmosphere, for example when r_____ and c_____ oil formed.</p>	<p>Today most of the atmosphere is made of n_____ and o_____, with very small amounts of other gases like carbon dioxide.</p>