**2023**

**Year 12 Earth and Environmental Science – Unit 3**

**Task 5: Fossil Identification Investigation**

**Weighting: 6%**

**Name: \_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_**

**Date: \_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_**

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| --- | --- |
| **Total Mark** |  |

*I acknowledge that all the information contained in this task is my own work and not taken from other sources. If other sources have been used they have been acknowledged in my references.*

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(Student Signature)

*Please see SEQTA for teacher feedback and comments.*

**TASK:**

In this practical investigation, you will investigate the features of different fossils and attempt to identify the environments in which they are formed. You will need to select **FOUR** fossils to describe.

For each fossil, you will need to complete the below procedure:

|  |  |
| --- | --- |
| 1. Draw a scientific diagram of each specimen ensuring to label the defining features. (2 marks) 2. Describe the organism preserved in each specimen. (2 marks) 3. Use appropriate references to classify each specimen, and the era(s) in which they lived. (2 marks) | 1. Describe the paleoenvironments in which the fossil was formed. Refer to the following:    1. The type of fossil and the environmental conditions required for the fossils to form. (2 marks)    2. The environment that the organism lived. (2 marks) |

|  |  |  |
| --- | --- | --- |
| Fossil 1 | Fossil 2 | |
| Fossil 3 | Fossil 4 | |
| Fossil 1 Diagram | | Fossil 2 Diagram |
| Fossil 3 Diagram | | Fossil 4 Diagram |