



# ORANGE HIGH SCHOOL

## ASSESSMENT TASK NOTIFICATION

<b>Subject</b>	Science: Digital Presentation - Animal Adaptations
<b>Year</b>	7
<b>Weighting</b>	30% (Task 2)
<b>Teachers</b>	Huggett, Townsend, Mansur, Ruwona, Baldwin & Percival
<b>Head Teacher</b>	Ms Huggett
<b>Date given</b>	Term 3 Week 3
<b>Due Date</b>	Friday the 26th August (Term 3 Week 6) 2022

### PART A- Existing

- Research and present information on an existing animal. Highlighting important scientific information, a description of their habitat and their adaptations

### PART B- Invention

- Create a new animal based on a future environment. Design this animal digitally, highlight important scientific facts, describing their environment and their adaptations

### Presentation

- The above information needs to be presented as a webpage using the Google sites template given on Google Classroom

### Bibliography

- Complete the bibliography scaffold on the website page

### **Non-completion of Task:**

If you know you are going to be away on the day that the task is due, you must make alternative arrangements with your classroom teacher. If you are away on the day of the examination, you must catch up with your classroom teacher on the first day you return to make alternate arrangements to catch up on this task.

**Failure to follow the above procedures may result in a zero award.**

### **Outcomes Assessed**

**SC4- 7WS** Process and analyse data from secondary sources

**SC4- 8WS** Produce plausible solutions to identified problems

**SC4- 9WS** Present science ideas using appropriate text and representation

**LW2** Cells are the basic units of living things and have specialised structures and functions.

## **Part A Existing**

1. Identify an animal that still exists today
2. Identify 10 scientific facts about this animal
3. Use the scaffold to identify and describe the environment it lives in and how it is adapted to this environment
4. Using information from your scaffold, complete a paragraph describing the environment and explain how this animal is adapted to this environment.

## **Part B Invention**

1. Invent an animal that will live in a future environment (description below)
2. Include a picture of this organism (Create one using a mash up of other animals, TinkerCAD, Paint 3D etc)
3. Create 5 scientific facts about this new animal
4. Use the scaffold to identify and describe the environment this organism lives in and explain how it is adapted to its environment
5. Using the information from the scaffold, complete a paragraph describing the environment and explain how this animal is adapted to survive in its environment.

### **Future environment**

The world's climate in 2080 has greatly changed. Excess carbon dioxide in the atmosphere resulted in the temperature increasing globally by 10 degrees. Ice caps have melted and ocean levels have risen by 10 metres. Melted glaciers have eroded mountains and exposed large caves and rocks previously buried deep under the ice.

## **Other skills assessed**

Bibliography- use of the scaffold, reliable websites used

Presentation- the site is engaging, logical, well formatted, pictures and videos used appropriately

Writing style and grammar, punctuation, spelling, sentence and paragraph structure

Use of scientific terminology- High level of scientific terminology used appropriately



	<b>Environment description</b>	5 Detailed description of the animal's environment and related to new environment	4 Detailed description of the animal's environment	3 Description of the animal's environment	2 Description of the animal's environment	1 Some limited information on environment	0	
	<b>Adaptation features</b>	5 A detailed outline of the animal's adaptations, in their own words	4 An outline of the animal's adaptations, in their own words	3 An outline of the animal's adaptations, mostly in their own words	2 An outline of the animal's adaptations, some of it in their own words	1 Some animal features described	0	
	<b>Explanation paragraph</b>	10 Thorough linkage of adaptations to the animal's survival in its environment. + Effective use of PEEL structure	8 Detailed linkage of adaptations to the animal's survival in its environment + Uses PEEL structure	6 A simple linkage of adaptations to the animal's survival in its environment + Attempts PEEL structure	4 Description of environment and some adaptations (No linkage) + PEEL not used	2 Describes adaptations OR Describes environment + PEEL not used	0	<b>/30</b>
<b>Skills</b>  <b>SC4- 9WS</b> Present science ideas using appropriate text and representation	<b>Literacy Skills</b> + <b>Scientific terminology</b>	5 Produces a logical and coherent piece of writing + Extensive use of completed sentences and paragraphs + Less than 3 grammatical errors present + Extensive use of scientific terminology	4 Mostly logical and coherent + Most sentences and paragraphs complete + Strong use of scientific terminology + 5-10 grammatical errors	3 Piece of writing flows well + Mostly uses completed sentences + 10 to 15 grammatical errors present + Good use of scientific terminology	2 Writing is somewhat logical + Sentences and paragraphs are short and incomplete + 15+ grammatical errors + Some use of scientific terminology	1 Illogical writing + Some use of sentences + Extensive grammatical errors present + No scientific terminology	0	<b>WS9</b>
	<b>Bibliography</b>	5 Extremely detailed bibliography, follows the scaffold	4 Detailed bibliography, follows the scaffold	3 Detailed bibliography, scaffold followed Some missing information	2 Simple bibliography present,	1 Some information attempted	0	
	<b>Digital presentation</b> + <b>Pictures, images and diagrams</b>	5 Digital presentation is exceptionally well presented and detailed + Pictures, images and diagrams are extremely meaningful and used appropriately	4 Digital presentation is well presented and fairly detailed + Pictures, images and diagrams are meaningful and used appropriately	3 Digital presentation is well presented + Pictures, images and diagrams are meaningful	2 Digital presentation has been attempted + Useful pictures, images and diagrams used	1 Basic Digital presentation supplied + Some pictures, images and diagrams used	0	<b>/15</b>

<b>WS 7</b>	<b>/25</b>	<b>WS 8</b>	<b>/30</b>	<b>WS 9</b>	<b>/15</b>	<b>TOTAL</b>	<b>/70</b>
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**Comments:**

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