

ORANGE HIGH SCHOOL

ASSESSMENT TASK NOTIFICATION

Subject	Science:				
	Digital Presentation - Animal Adaptations				
Year	7				
Weighting	30% (Task 2)				
Teachers	Huggett, Townsend, Mansur, Ruwona, Baldwin & Percival				
Head	Ms Huggett				
Teacher					
Date given	Term 3 Week 3				
Due Date	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 <u>future environment</u> (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

Marking Rubric:	Scientific Artic	le Digital Pre	esentation (Due:	Term 3 Week 5)
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Student Name: _____ Class:__7SC____

Course		A	В	C	D	E	0	WS
Outcomes		5	4	3	2	1		Total
	Sections from assessment task	Has achieved a very high level of competence in the processes and skills and can apply these skills to new situations. (EXTENSIVE)	A high level of competence in the processes and skills. In addition, the student is able to apply these skills to most situations. (THOROUGH)	An adequate level of competence in the processes and skills. (SOUND)	A limited level of competence in the processes and skills. (BASIC)	Very limited competence in some of the processes and skills. (LIMITED)	Not attempted	
SC4-7WS Process and analyse data from secondary sources	Identifies animal + 10 science related facts	5 Correctly identifies an animal + Any 10 facts about the animal are described in detail and have a strong link to science. Written creatively.	4 Correctly identifies an animal + Any 6-9 facts about the animal described and has a good link to science	3 Correctly identifies an animal + Any 5 facts about the animal described and has a simple link to science	Correctly identifies an animal + Any 3-4 facts about the animal described.	1 Correctly identifies animal	0	WS7
	Description of the animals' environment that is lives in	5 Extensive description of the animal's environment	4 Detailed description of the animal's environment	3 Description of the animal's environment	Outline of the animal's environment	Some limited information on environment	0	
	Description of the animals' adaptation	5 Extensive description of the animal's adaptations	4 A detailed description of the animal's adaptations	3 Description of the animal's adaptations	2 Identifies the animal's adaptations	Some animal features described	0	
	Explanation paragraph	Clearly articulates links between adaptations of the animal's survival in its environment + Uses PEEL structure effectively	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	Describes adaptations OR Describes environment + PEEL not used	0	/
PART B SC4- 8WS Produce plausible solutions to	Made up animal photo	5 Extensive use of, images and diagrams used for the created animal	4 Detailed pictures, images and diagrams used for the created animal	Good use of pictures, images and diagrams used for the created animal	2 Simple pictures, images and diagrams used for the created animal	I Minimal use of pictures, images and diagrams used for the created animal	0	WS
identified problems	5 interesting facts	5 Any 5 facts created about the animal, described in detail and has a complex link to science	Any 5 facts created about the animal, described in detail and has a simple link to science	3 Any 5 facts created about the animal, described simply	Any 2-3 facts created about the animal, described simply	Any 2-3 facts created about the animal's described simply, not in their own words	0	

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

