

Term 1- Year 7 Science & English assessment

Design your own animal

Use your imagination and creativity to design an organism that has never existed before.

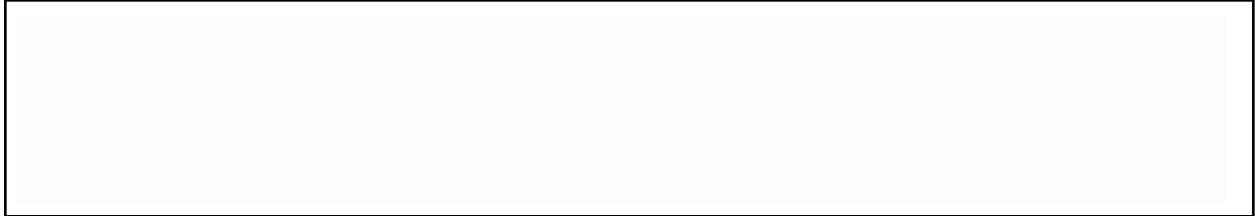


This is a Science and English combined assessment. For the Science part you are to create an organism and describe its habitat and adaptations.

Steps you could follow:

- Brainstorm the habitat that you would like your organism to be part of. This could be something like the deep sea, tropical forest or inside of your nose etc.
- Now think of the different adaptations that the organism would need to survive in that habitat.
- Design and draw your organism with hand or online tools.

Insert the image of the organism here.



Exciting times !!!

1. Name your organism: _____

2. Describe the habitat in which your organism lives in

3. List the main characteristics of the organism.

3. Classify the characteristics of the organism into three adaptation groups in the following table

Structural/Physical	Behavioural	Physiological

4. Explain how the above adaptations help the animal survive in its habitat.

Note: Make a pdf copy of the document and then upload it on MHO science course page.

Year 7 Science - Adaptations

Science Achievement Objectives:

- **Living World L3/L4**
 - Life processes:
 - Recognise that there are life processes common to all living things and that these occur in different ways.
 - Ecology
 - Explain how living things are suited to their particular habitat and how they respond to environmental changes, both natural and human-induced.
 - Nature of Science L4
- **Communicating in science L3/L4**
 - Begin to use a range of scientific symbols, conventions, and vocabulary.

Criteria	Working Towards curriculum expectations	Achieving AT curriculum expectations	Achieving ABOVE curriculum expectations	Achieving BEYOND curriculum expectations
Conceptual understanding - Habitat	You have attempted to choose a habitat and create an organism	You have created an organism that fits in your chosen habitat	You have created an organism and described the features of the habitat	You have linked the adaptations of the organism to its survival in the habitat
Conceptual understanding- Classifying adaptations	You have attempted to identify and group the characteristics of the organism into different adaptations	You have identified and classified some of the characteristics of the organism into different adaptations	You have accurately identified and classified most of the characteristics of the organism into different adaptations.	You have accurately identified and classified the characteristics of the organism into different adaptations.
Time Management	You have not submitted your assessment on time	You have not submitted your assessment on time	You have submitted your assessment by the due date:	You have submitted your assessment by the due date:

Comments

Working Towards	Though you have created an animal, you have not fulfilled the criteria for the assessment. Your next steps are to learn about animal adaptations and learn to write structured paragraphs so that you can communicate your scientific ideas. Make sure that you understand the assessment and ask for help if required.
Working At	For this assessment, you have created an animal that suits its habitat. Your next step is to further your understanding of adaptations so that you can classify all of its characteristics into different adaptations.
Working above	Well done for achieving Above your curriculum level. You have created an animal and explained most of its adaptations. Your next step is to further your understanding of adaptations and to learn to structure your paragraphs.
Working Beyond	Well done xxx for achieving Beyond the curriculum level. You have used a good drawing and excellent writing skills to showcase your created animal and its adaptations. Your next step would be to learn to use a digital tool to create an image and to further your understanding of habitat and adaptations. For eg: Are the adaptations of a predator different from prey?