



JOHN EDMONDSON HIGH SCHOOL
Assessment Notification

Faculty: Science Course: Science Year: 8

Assessment Task: Task 1 Depth Study Task

Assessment Weighting: 25% Due: Term 1 Week 8A Date : Wednesday 15/3/2023

Task Type: Hand in Task In Class Task Practical Task

Outcomes assessed (NESA)

SC4-14LW relates the structure and function of living things to their classification, survival and reproduction.

SC4-5WS collaboratively and individually produces a plan to investigate questions and problems.

SC4-7WS processes and analyses data from a first-hand investigation and secondary sources to identify trends, patterns, and relationships, and draw conclusions.

SC4-8WS selects and uses appropriate strategies, understanding and skills to produce creative and plausible solutions to identified problems.

SC4-9WS presents science ideas, findings and information to a given audience using appropriate scientific language, text types and representations.

Task Description/Overview

Total marks 35

Assessment task: Depth Study Task

A depth study is an investigation / activity that allows you to explore a concept in greater detail. It gives you the opportunity to choose a topic and learn it in greater detail.

As part of the assessment, you will be required to research a human system and design an **informative travel brochure** choosing any **ONE** of the following body systems:

- Circulatory system
- Respiratory system
- Excretory system

The marking rubric is attached. Read it thoroughly and check that you have included the required elements in your brochure. Hand in the marking rubric with your finished product.

Your brochure should be exciting, informative, factual, creative, and unique and meet the marking rubric.

Further information

- If you are absent on the day it is due, you must provide appropriate documentation. If you know in advance that you are going to be away on the day, hand your travel brochure in the day before.
- A template is provided to you to make a draft brochure.
- You will be given **THREE** lessons in class to complete the draft and then start your brochure.
- Brochure should only be one A4 paper double sided. (Tri-fold- similar to your Science information pamphlet received at the start of the year).
- See template provided on CANVAS.

Detailed Assessment Task Description

Travel Brochure Brief (trifold)

You work for the **Cardiac Publishing Company**. This company designs and prints business cards, promotional cards, and informational and promotional brochures for clients within the tourism industry.

Your company has been hired by the **Pulmonary Travel Agency** to market their informative tours through the Human Body Systems. Their requirements are that **you must produce an informative marketing product (tri fold travel brochure) for a body system that includes and highlights the following elements:**

Required Elements

The Body System travel brochure must include the following elements:

1. List the major organs of your chosen body system. (3 marks)
2. Describe the overall function of the body system and why someone would want to visit it. (2 marks)
3. Identify the functions of 3 individual organs (listed in question 1). (Give details, not just one word). (6 marks)
4. What things are added to the body system and what things are removed? (2 marks).
5. What makes this system a fun place to visit, or what can visitors do there? (Include any trendy spots to hang (example: watch the blood gush out of the heart), unusual or strange places within the system and any exciting activities. This can be creative but must align with the function. (3 marks).
6. Risks / Dangers- Describe 2 dangers and 2 precautions that may be needed. Example of risk: Be careful of arteries that are hard to get through, they can get blocked and could lead to the heart ride breaking down, heart disease. (4 marks).
7. Include diagrams- You must include at least a **labelled diagram** of your **chosen system**, as well as other relevant diagrams. (2 marks)

Your marketing product is to be a brochure and the owner of the Pulmonary Travel Agency, Mrs. Haemoglobin has **specifically requested eye grabbing headings, persuasive language, creativity, correct terminology, and an accurate diagram of the body system.**

Mrs. Haemoglobin is also picky about details. She requires **all brochures to include at least 2 documented references (bibliography).**

Your chosen Body System Brochure must have the required elements for your specified body system and should be of the highest of standards and quality. Please pay careful attention to the requirements outlined in the marking guideline, as they will provide the best way to succeed in our company.

Overall marketing creativity and presentation standards. The brochure should be organised, include headings, neatly written or typed, visually appealing. Your brochure should be colourful, fun and informative. You must show evidence of researching your body system (bibliography). **Refer to your marking rubrics for all components needed to obtain maximum marks.**

- **On due date 15/3/23: You must submit your brochure to your Science teacher on the 15/3/23 during your Science lesson.**
- **As per assessment policy for each day late 10 % per day (up to 3 days) will be deducted from your total mark. Please also fill in a Request for Consideration form which can be obtained from the school website.**

Assessment Criteria		
Grade	Description	Mark Range
Outstanding (O)	The student has an extensive knowledge and understanding of the content and can readily apply this knowledge. In addition, the student has achieved a very high level of competence in the processes and skills and can apply these skills to new situations.	84.5-100
High (H)	The student has a thorough knowledge and understanding of the content and a high level of competence in the processes and skills. In addition, the student is able to apply this knowledge and these skills to most situations.	69.5-84
Sound (S)	The student has a sound knowledge and understanding of the content and has achieved a good level of competence in the processes and skills.	49.5-69
Basic (B)	The student has a basic knowledge and understanding of the content and has achieved a basic level of competence in the processes and skills.	27.5-49
Limited (L)	The student has an elementary knowledge and understanding in a few areas of the content and still requires further work to achieve competence in the processes and skills.	0-27

Satisfactory completion of courses

A course has been satisfactorily completed, when the student has:

- Followed the course developed/endorsed by the NSW Educational Standards Authority (NESA)
- Applied himself/herself with diligence and sustained effort to the set tasks and experiences provided in the course.
- Achieved some or all of the course outcome.

CRITERIA	Marking breakdown		Mark awarded
List the major organs of your chosen body system.	<ul style="list-style-type: none"> ○ All organs correctly listed for chosen human system. ○ Half of the organs are listed correctly. ○ Less than half of organs listed correctly. ○ No organs listed or incorrect information 	<p>3</p> <p>2</p> <p>1</p> <p>0</p>	
Describe the overall function of the body system and why someone would want to visit it.	<ul style="list-style-type: none"> ○ Correctly describes the overall function of the chosen body system (1) AND an appropriate reason why someone would want to visit(1) ○ One of the above components missing. ○ No information provided or incorrect. 	<p>2</p> <p>1</p> <p>0</p>	
Identify the functions of 3 individual organs listed in question 1. (2 marks allocated to each organ)	<ul style="list-style-type: none"> ○ Detailed and correct information provided for all of the 3 organs listed. (2 marks x 3 organs) ○ Some relevant information provided (1). ○ Incorrect or no information provided. 	<p>4-6</p> <p>1-3</p> <p>0</p>	
What things are added (inputs)to the body system and what things are removed (output)?	<ul style="list-style-type: none"> ○ Correctly names one input AND one output. ○ Correctly names one input OR one output. ○ Incorrect or no response 	<p>2</p> <p>1</p> <p>0</p>	
What makes this system a fun place to visit, or what can visitors do there? (Include any trendy spots to hang), unusual or strange places within the system and any exciting activities.	<ul style="list-style-type: none"> ○ List and describe any 3 of the fun places/activities. ○ List and describe any 2 of the fun places/activities. ○ List and describe 1 of the fun places/activities. ○ Incorrect or no response 	<p>3</p> <p>2</p> <p>1</p> <p>0</p>	
Risks / Dangers- Describe 2 dangers and 2 precautions that may be needed.	<ul style="list-style-type: none"> ○ Clearly describes 2 risks/ areas of danger (2) and describes 2 precautions (2). ○ One risk or precaution missing. ○ Two components missing or incorrect. ○ Three components missing or incorrect. ○ Incorrect or no response provided 	<p>4</p> <p>3</p> <p>2</p> <p>1</p> <p>0</p>	
Include diagrams- You must include at least a labelled diagram of your	<ul style="list-style-type: none"> ○ Minimum of 2 diagrams included: one labelled diagram and other relevant diagrams. 	<p>2</p>	

chosen system, as well as relevant diagrams.	<ul style="list-style-type: none"> ○ Only one diagram included. ○ Incorrect / not relevant or no diagrams included. 	1 0	
Travel brochure is neat, uses descriptive words, persuasive language and includes subheadings.	<ul style="list-style-type: none"> ○ Includes all criteria of: neat, persuasive language, descriptive words an subheadings ○ Missing one component listed. ○ Missing 2 components listed. ○ Missing 3 components listed. ○ No information provided. 	4 3 2 1 0	
Travel brochure exhibits creativity	<ul style="list-style-type: none"> ○ Visually appealing, good colour use and layout, as well as easy to read. ○ Some components needed further effort. 	2 1	
A4 pamphlet style used (Double sided)	<ul style="list-style-type: none"> ○ Correct size pamphlet used and double sided. ○ One sided or incorrect size paper. 	2 1	
Bibliography	<ul style="list-style-type: none"> ○ All sources correctly referenced. ○ Bibliography included but not correctly referenced. ○ Incorrect or no information included 	2 1 0	
Correct Spelling	<ul style="list-style-type: none"> ○ All words correctly spelt ○ 1--3 incorrect spelling. ○ More than 3 incorrect spelling. 	3 2 1	
Total		35	
Comments			

