


ASSESSMENT TASK NOTIFICATION

	<p>SUBJECT: Science</p> <p>YEAR GROUP: 9</p> <p>TASK TITLE: Vaccination and Immunisation</p>	<p>_____</p> <p>Student Name</p> <p>Submitted To:</p> <p>_____</p>
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Name of Unit:	Living World			
Type of Task:	In-class task: Presentation and Discussion of Vaccination Information			
Due Date:	Term:	3	Week:	6
Weight	9%			

OUTCOMES ASSESSED	<p>WS7: processes and analyses data from a first-hand investigation and secondary sources to identify trends, patterns and relationships, and draw conclusions</p> <p>WS8: applies scientific understanding and critical thinking skills to suggest possible solutions to identified problems</p> <p>WS9: presents science ideas and evidence for a particular purpose and to a specific audience, using appropriate scientific language, conventions and representations</p>
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DESCRIPTION OF ACTIVITIES

INTRODUCTION

When a person is vaccinated, their body produces an immune response. In the same way their body would after exposure to a disease, but without the person suffering the disease symptoms. When a person comes into contact with that disease in the future, their immune system will respond fast enough to prevent the person developing the disease. You will need to review classwork on disease, vaccines, immunisation and how the body responds to vaccines and pathogens (disease) entering the body.

TASK DESCRIPTION

You will be given a paragraph of information about the process of vaccination and how it induces immunity. The task will cover the following areas:

1. Extracting of information from the given paragraph
2. Presenting the fundamentals of the process involved in vaccination and immunisation in a Flow chart
3. Explaining how vaccination induces immunity
4. Describing how the immune system responds to vaccination and subsequent disease exposure
5. Propose why immunisation is beneficial for individuals.
6. Analyse why the Australian government has introduced strict guidelines to ensure immunisations are adhered to across Australian communities and evaluate the validity of this policy.

You will be given an excerpt from this policy which is available on the following website:
<http://www.immunise.health.gov.au/internet/immunise/publishing.nsf/Content/the-immunise-australia-program>

METHOD OF SUBMISSION	In Class Task
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MARKING RUBRIC

CRITERIA	GRADE
<p>Student demonstrates a highly competent ability to analyse information, identify relationships and draw conclusions regarding the human body response to disease and immunity.</p> <p>Student demonstrates a highly competent ability to present science ideas and evidence in a flow chart, using appropriate scientific language, to inform an audience about the process of acquired immunity using vaccines.</p> <p>Student demonstrates a highly competent ability to apply scientific understanding and critical thinking when suggesting possible solutions to the identified problem of contagious diseases and the importance of vaccination programs.</p>	A
<p>Student demonstrates a competent ability to analyse information, identify relationships and draw conclusions regarding the human body response to disease and immunity.</p> <p>Student demonstrates a competent ability to present science ideas and evidence in a flow chart, using appropriate scientific language, to inform an audience about the process of acquired immunity using vaccines.</p> <p>Student demonstrates a competent ability to apply scientific understanding and critical thinking when suggesting possible solutions to the identified problem of contagious diseases and the importance of vaccination programs.</p>	B
<p>Student demonstrates a satisfactory ability to analyse information, identify relationships and draw conclusions regarding the human body response to disease and immunity.</p> <p>Student demonstrates a satisfactory ability to present science ideas and evidence in a flow chart, using appropriate scientific language, to inform an audience about the process of acquired immunity using vaccines.</p> <p>Student demonstrates a satisfactory ability to apply scientific understanding and critical thinking when suggesting possible solutions to the identified problem of contagious diseases and the importance of vaccination programs.</p>	C
<p>Student demonstrates a basic ability to analyse information, identify relationships and draw conclusions regarding the human body response to disease and immunity.</p> <p>Student demonstrates a basic ability to present science ideas and evidence in a flow chart, using appropriate scientific language, to inform an audience about the process of acquired immunity using vaccines.</p> <p>Student demonstrates a basic ability to apply scientific understanding and critical thinking when suggesting possible solutions to the identified problem of contagious diseases and the importance of vaccination programs.</p>	D
<p>Student demonstrates a limited ability to analyse information, identify relationships and draw conclusions regarding the human body response to disease and immunity.</p> <p>Student demonstrates a limited ability to present science ideas and evidence in a flow chart, using appropriate scientific language, to inform an audience about the process of acquired immunity using vaccines.</p> <p>Student demonstrates a limited ability to apply scientific understanding and critical thinking when suggesting possible solutions to the identified problem of contagious diseases and the importance of vaccination programs.</p>	E