

Task Preparation

- You must familiarise yourself with the marking schedule and ensure that you address the criteria.
- You will be asked to bring the information (research notes) that you have gathered and processed to class (2 double sided pages).
- You will need to have handed in your Podcast by the due date.
- You will be given a written task to complete on this day. This task will consist of a number of short and extended response type questions.
- You should present a summary of your research of no more than two double sided A4 pages and it should include a reference list of all sources used.
- Your information should cover all aspects of the task, in appropriate detail, to be able to complete the in-class task. The information you have gathered and processed in Section 1 will be collected after the completion of Section 2 and will be marked according to the marking criteria shown.

Section 1 Research notes (5 marks)

Criteria	Marks
<ul style="list-style-type: none"> • Research uses at least five different sources. • Research presented as a summary of the information. • Information on all Inquiry questions is included • Consistent use of scientific notations and terminology. • Bibliography is evident • Research done within 2 x A4 limit. 	5
<ul style="list-style-type: none"> • Research uses at least five different sources. • Research presented as a summary of the information. • Information on most Inquiry questions is included • Consistent use of scientific notations and terminology. • Bibliography attempted. • Research done within 2 x A4 limit. 	4
<ul style="list-style-type: none"> • Research uses at least four different sources. • Research presented mostly in own words. • Information on at least 2 of the Inquiry questions is included • Regular use of scientific notations and terminology. • Bibliography attempted • Research done within 2 x A4 limit. 	3
<ul style="list-style-type: none"> • Research uses at least four different sources. • Research presented mostly as a copy and paste, some summarised. • Regular use of scientific notations and terminology. 	2
<ul style="list-style-type: none"> • Research uses at least three different sources. • Research presented not in own words. • Regular use of scientific notations and terminology. • Research at appropriate level. 	1

Section 2 Presenting and Communicating Information (10 marks)

Podcasts are an audio platform designed to entertain or inform an audience about a subject in bite size chunks - right at our fingertips. The format of a podcast allows the creator to communicate with a given purpose or audience about their desired subject area. Scientists can communicate a scientific understanding of a topic in many ways. "While many of us may not be inclined to sit and read a 2000 word length article, many will listen to a Podcast while doing other tasks such as commuting to work or completing housework" (Forbes, 2018).

This task is designed to allow you to develop your skills in communicating scientifically. You are to create a PODCAST maximum 3 minutes. It needs to be submitted to your classroom teacher via the shared google classroom or other. More details to be provided by your classroom teacher.

The Scenario

This scenario has been created to allow you to base your Podcast on the information that you researched for the previous assessment task and your classwork.

There has been outbreak of an infectious disease. What disease? The disease you have researched and collected information on in the previous section.

There are concerns that a virulent strain of your disease has evolved and it will turn into an epidemic.

You need to choose one and take the role of one of the following key stake holders:

- Local council person (politician) with an interest in informing the local community
- A Scientist or expert on the pathogen
- A doctor or a nurse
- Journalist at a media outlet running a story on the potential outbreak
- Other of your choice (talk to your classroom teacher)

Your presentation should be given from the viewpoint of the stakeholder you have chosen. In your presentation you need to outline the role you (as the stakeholder) would play in preventing the disease from spreading and becoming an epidemic. Their expertise should reflect a deep understanding of the infectious disease, how it is transmitted and could potentially be controlled from their perspective.

Make sure that you respond to each of the Inquiry questions for this assessment. For example, Inquiry question 1 - "How are diseases transmitted?" Explain this for your disease in your. Podcast

Requirements of Podcast	Marks
<p>Clarity of speech</p> <ul style="list-style-type: none"> • The delivery of podcast is logical and coherent AND the podcast has a clear structure. Includes a clear introduction and conclusion • Volume of voice, music, and effects enhance the presentation AND podcast is recorded in a quiet environment without background noise. • Well-rehearsed, smooth delivery in a conversational style AND Expression and rhythm engage the listener. • Highly effective enunciation and presenter's speech is clear and intelligible. 	4
<p>Articulation of scientific knowledge</p> <ul style="list-style-type: none"> • Demonstrates understanding of epidemics. • Demonstrated knowledge of each Inquiry question • The Content Concepts are presented clearly and succinctly. • Science terms used are appropriate and easy to understand. 	4
<p>Demonstrated knowledge of key stake holder's viewpoint.</p> <ul style="list-style-type: none"> • Applies researched knowledge to stake holders point of view. • Clear understanding of the role the stakeholder would play in reducing the risk of an epidemic. 	2

Section 3 Written In-class assessment (35 marks)

This will be a series of short and long answer responses that will test you understanding and application of the material you have researched for this task.

A marking criterion and more detail of that task will follow closer to its due date.