

Task 3 Biology Assessment Task

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 a diseases in the Orange district. What disease? That is up to you to decide, you have researched an infectious plant and animal in the previous task or you could do another one of your choosing

There is concern that 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 local farmer dealing with the disease on their property
- A veterinarian or horticulturist detailing with the potential outbreak
- A sale yard or plant nursery manager dealing with the disease
- Journalist at a media outlet running a story on the outbreak
- Other of your choice (talk to your classroom teacher)

Your presentation should be given from the viewpoint of the stakeholder you have chosen and directed at the Orange Community. 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 potential controlled from their perspective.

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 endemic, epidemic, pandemic • Demonstrated knowledge of how researched disease is transmitted. • 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 own knowledge to stake holders point of view. • Clear understanding of the role the stakeholder would play in reducing the risk of a pandemic. 	2