

Yr 9 Elections Assessment



Mission Heights

GROWING GREATNESS
KIA MANA AKE



Due date: Week 5? Week 6 TBC

As part of our Elections context, you will be in groups of 6 according to different political parties. One of the key questions that political parties address are in the climate politics section. In **Science**, you have explored Climate Change, the impacts of this and how Carbon dioxide is a key contributor to this. In **English**, you have been working on your ability to confidently address your audience verbally (politics include confidently speaking in front of the public). In **Maths**, you have been looking at transformations (Political parties have a flag/logo to symbolize what they represent). The below is therefore a collaborative assessment based on your context. By doing this, you should be able to put forward a proposal/write a letter to the local council to request for a park or increase in trees etc. that will help minimize the impact of climate change within our community.

Maths: You will be creating a **Flag or Logo** to represent your Political party.

1. You will need to identify the following for your logo- Axis of symmetry, order of symmetry.
2. On a coordinate plane show the following transformations- Reflection along a mirror line, Rotation, translation using vectors, scaling etc.
3. Research about the invariant properties of Reflection, Rotation, Translation and Enlargement.

Science: A **socio-scientific** issue is a problem society is being faced with that has a scientific background, or where science can be used to explain the problem and help find solutions.

*One of the key questions set to define the 2023 elections includes Climate politics and how Aotearoa aims to address this through the **Zero Carbon Bill**. This section of the assessment activity requires you to investigate a socio-scientific issue - Ocean Acidification and how this can be rectified. The content you need to include in your video presentation is listed below.*

- Scientific information on **Ocean Acidification**
- The **impact** on individuals and society
- Your **personal response** to the issue
- A response/stance from your political party and why.

What you will submit: Please submit the **transcript** version of your presentation to MHOL (This contains the text portion of what you are saying in your video)

English: You will each present this content and be assessed on your **verbal presentation**. You will either present in class or pre record your chosen parties promises and vision on New Zealand on your device (phone and email this to Mr Singh for grading)

You will have to collaborate and work as a TEAM (Together Everyone Achieves More)

You will be assessed on the following presentation techniques:

- a) Tone
- b) Gestures and Facial Expression
- c) Eye Contact
- d) Time (expected 2 min)

Marking rubric:

Science				
Earth's resources	You have recognised and described earth's resources	You have recognised and described, with examples, earth's resources	You have recognised and described in some detail, earth's resources	You have recognised and coherently explained earth's resources
Socio-scientific actions	You have started to make connections between science and several of: technology, society, and the environment, related to a socio scientific issue	You have made connections between science, technology, society, and the environment, related to a socio scientific issue with some effectiveness	You have made connections between science, technology, society, and the environment related to a socio scientific issue with considerable effectiveness.	You have made connections between science, technology, society, and the environment related to a socio scientific issue with a high degree of effectiveness.
English	You are working towards using one or more presentation techniques [such as body language, gesture, and eye contact]	You have used one or more presentation techniques [such as body language, gesture, and eye contact] with some success	You have successfully used a range of presentation techniques [such as body language, gesture, and eye contact] most of the time.	You have successfully selected a range of presentation techniques [such as body language, gesture, and eye contact]
Maths	You have identified and used the basic properties of translation, reflection and rotation	You have identified and used properties of translation reflection and rotation	You have identified and used more complex properties of translation, reflection and rotation	You have displayed complex properties of transformations and also identified their invariant properties
Time Management	You have not handed in any work	You have handed your work in late	You have handed your work in on time	You have handed your work in on time

English Rubric: Speaking

	Working Towards Curriculum Expectation	At Curriculum Expectation	Above Curriculum Expectation	Beyond Curriculum Expectation
Voice	You are working towards projecting your voice to the audience. You may have	You have clearly projected your voice to the audience and used a natural, varied	You have effectively projected your voice. Your voice is clear and you are	You are using tone and pace for effect/ emphasis most of the time.

	started to use a natural, varied tone	tone	starting to use tone and pace for effect some of the time	
Presentation	You are working towards using one or more presentation techniques [such as body language, gesture, and eye contact]	You have used one or more presentation techniques [such as body language, gesture, and eye contact] with some success	You have successfully used a range of presentation techniques [such as body language, gesture, and eye contact] most of the time.	You have successfully selected a range of presentation techniques [such as body language, gesture, and eye contact]