



How the Bluff Got its Face!

Materials

- Photo/image of the cliff face of the Barwon Bluff (above)
- [About the Bluff](#) and [Parks Victoria Information](#) section of the [Barwon Bluff CD](#)
- Decomposition/Erosion [information](#) and [videoclip](#) from Teachers Online Primary Science. © State of Victoria (Department of Education, Employment and Training)

Activities

- Have the children make hills etc in the sand pit. Allow them a cup of water and ask them to predict what they think will happen when they pour the water over the hills. Have them observe and explain what they noticed. They can record their predictions in sentences or drawings. Repeat the experiment using more water or sticks and stones etc.
- Look carefully at the Barwon Bluff face snapshot above. List 10 questions about the rock face. Working in groups discuss and try to answer the questions.
- From the Video clip describe the role of the waves, plants etc in forming the rock face. Are there any other factors, which may have contributed? List. Make a model to demonstrate these forces at work.
- Describe, make a mural, flowchart, book, poster or cartoon showing how you believe the Bluff came to look like it does. Make sure you include the forces that you believe have been instrumental in its formation.
- What might happen if:
 - there was a very high tide and a storm on the same day
 - rabbit numbers on the Bluff increased to plague proportions
 - a large group of mountain climbers began to use the area to practice their skills
- Present your predictions to the class.

Challenge Cards

Activity 2 - See [About the Bluff](#) and [Earth Science](#)

Look carefully at the snapshot below. List 10 questions about the rock face.



Brain Buster: Working in groups, discuss and try to answer the questions.

Activity 3 - See Video Clip [Wave work](#) from Teachers Online Primary Science.
© State of Victoria (Department of Education, Employment and Training)

From the Video clip describe the role of the waves, plants etc in forming the rock face.

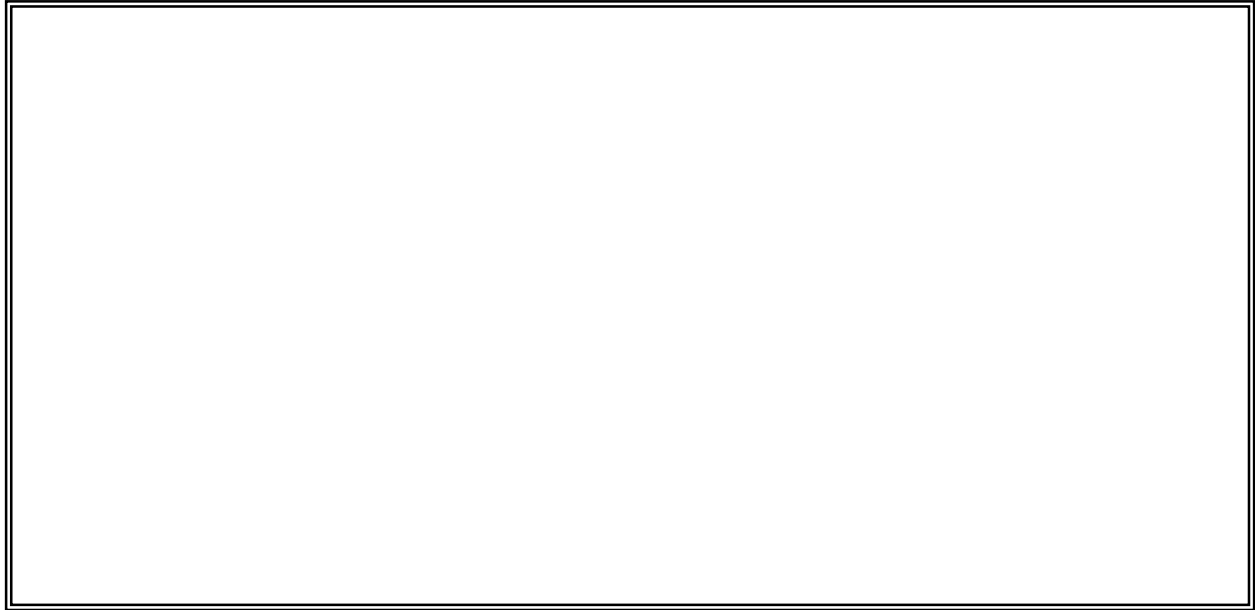


Are there any other factors, which may have contributed? List.

Brain Buster: Make a model to demonstrate these forces at work

Activity 4 - See Video Clip [Wave work](#) from Teachers Online Primary Science.

© State of Victoria (Department of Education, Employment and Training)



Activity 5 - See Video Clip [Wave work](#) from Teachers Online Primary Science.

© State of Victoria (Department of Education, Employment and Training)

What might happen if:

- There was a very high tide and a storm on the same day
- Rabbit numbers on the Bluff increased to plague proportions,
- A large group of mountain climbers began to use the area to practice their skills.

Present your predictions to the class.