



GRC PEAKHURST SCIENCE FACULTY

**YEAR 8 CHANGING EARTH
RESEARCH ASSIGNMENT 2022 :**

Due date: ALL classes Friday 16/9

Chosen landform: _____

Instructions

Use an explanation text type to present written information about how one of the world's impressive geological landforms was formed.

Note: You will need to research the only the GEOLOGICAL PROCESSES which formed the landform.

Choose ONE landform from the list below:

Twelve Apostles, Victoria

Wave Rock, WA

Kiama Blowhole, N.S.W

Wombeyan Caves, N.S.W

Milford Sound, N.Z

Barrenjoey Headland, N.S.W

Mt Connor, N.T

Devil's Marbles, N.T

Katherine Gorge, N.T

Purnululu National Park, W.A

Kata Juta, N.T

Lawn Hill, Qld

Task information

You will need to research your landform using a range of resources including Internet and books.

- Your explanation needs to be typed on a word document and all the information (except for the reference list) needs to fit on ONE page.
- You must include a reference list (bibliography). See the next page for examples on how to write one.
- You must include (attach) the research scaffold with your explanation.

Explanation Text Type

The first paragraph of any explanation begins by identifying the thing or phenomenon to be explained. The second and following **paragraphs** contain a sequence of events or processes which are **joined together** in two main ways.

The first is by **cause and effect links** using words such as because; as a result; causes; is caused by; due to.

The second is by **time links** using words such as after; following; then; initially.

Other language features you should be using:

- **technical language** eg. weathering; erosion; abrasion; sedimentary.
- **passive voice** eg. "sediments were uplifted by forces", rather than "forces lifted up the sediments".

Referencing Guide

Type of reference	Checklist	Bibliography (Combining the checklist) – Example
Book (one author)	<ul style="list-style-type: none"> • The author's or editor's name • The year the book was published • The title of the book • The city the book was published in • The name of the publisher 	Adair, J. (1988) <i>Effective time management: How to save time and spend it wisely</i> , London: Pan Books.
Book(two or more authors)	<ul style="list-style-type: none"> • The author's or editor's name (or names) • The year the book was published • The title of the book • The city the book was published in • The name of the publisher 	McCarthy, P. and Hatcher, C. (1996) <i>Speaking persuasively: Making the most of your presentations</i> . Sydney: Allen and Unwin.
Website(author available)	<ul style="list-style-type: none"> • Author/editor or compiler • Year of the most recent version • Title, • URL • When it was viewed: Day, Month, Year. 	Young, C. (2001) <i>English Heritage position statement on the Valletta Convention</i> . [Online], Available: http://www.archaeol.freeuk.com/EHPostionStatement.htm . [24 Aug 2001].
Website (no author found)	<ul style="list-style-type: none"> • Year of the most recent version, • Title, • URL • When it was viewed: Day, Month, Year. 	(2001). <i>New child vaccine gets funding boost</i> . [Online], Available: http://news.ninemsn.com.au/health/story.[13 March 2012].

CHANGING EARTH MARKING CRITERIA

FINAL TOTAL

NAME.....

28

				MARKS
Opening Paragraph	Title	0	1	
	Name of landform	0	1	
	Location of landform	0	1	
	describes the landform	0	1	
	Rock composition	0	1	
	Rock classification	0	1	
	Explanation sequence is in paragraphs: used to organise the information	0 no paragraphs	1 some	2 effective use
	Casual relationships are evident: between geological processes and landforms	0	1 some	2 many
	Time relationships are evident: between geological events	0	1 some	2 many
	Explanation is accurate: with elaboration of geological events	0	1 some	2 good elaboration
	Single full A4 Sheet of writing	0	1 not enough / too much text	2 Explanation fits on one page
	Scaffold	0	1 partially complete or only minimal information provided	2 All sections completed
	Technical language used	0	1 minimal use	2 good use
	Appropriate tense used Future tense is OK if appropriate	0 not used	1 minimal deviation	2 no deviation
	Passive voice Impersonal language-no use of "I", "we" or "you"	0	1 minimal deviation	2 no deviation
	Spelling	0 more than two errors	1 two or less errors	2 no errors
	Bibliography	0	1 single ref and or/references not written correctly	2 range of ref and written correctly

CHANGING EARTH EXPLANATION TASK

RESEARCH SCAFFOLD

Use this scaffold to guide your research and add your notes here.

Opening Paragraph

What is the landform? Where is it located? What rock is it made of?

What type of rock is it?

Explanation sequence of geological processes paragraph 1

How was the rock originally made? How long did it take? How long ago was this?

Explanation sequence of geological processes paragraph 2

What happened to the rock next? When did this happen? How long did it take?

Explanation sequence of geological processes paragraph 3

How has the landform been made into its present shape? How long has this taken?