


Assessment Schedule – 2017**Geography: Apply concepts and basic geographic skills to demonstrate understanding of a given environment (91010)****Evidence**

Question	Evidence	
ONE	Codes: B = Basic C = Complex	
<i>Geographic Concept: Environments</i>		
(a)	(i) Gives a geographic description of the natural features of Te Araroa: <ul style="list-style-type: none"> • isolated part of New Zealand • on the East Coast of the North Island • Pacific Ocean • on Kawakawa Bay • 41 km from Ruatoria • 175 km north of Gisborne • close to Hicks Bay • has a stony beach 100m north of the town • Whetumatarau mountain • Pohutakawa tree • North Island. 	B = Limited information. <i>OR:</i> C = Detailed information.
	(ii) Describes the cultural environment of Te Araroa: <ul style="list-style-type: none"> • associated with Ngāti Porou • sits at the base of Whetumatarau, the ancestral mountain • has a marae, shop, honey factory, an Area School, and an ancient tree of significance to Māori • playground, skate park, and a rugby domain • general store, takeaways, police station, etc • SH35. • population facts. 	B = Limited information. <i>OR:</i> C = Detailed information.
	(iii) Gives the name and height of the flat-topped hill immediately south of Te Araroa: <ul style="list-style-type: none"> • Name: Whetumatarau • Height: 290 m. 	B B
	(iv) Gives the compass direction the Karakatuwhero River flows: North east or NE.	B

(b)	<p>(i) Draws the symbol for the cultural feature “Historic Māori Pā”:</p> 	B
	<p>(ii) Fully explains the geographic location of the “Historic Māori Pā” sites in this environment, using specific evidence from Resource D:</p> <ul style="list-style-type: none"> • five “Historic Māori Pa” sites shown on the map at 735204, 721193, 687227, 689225, and 683219 • all on flat-topped hills, or flat ridges • all (except 721193) are over 160 m ASL • all (except 721193) are on the hills overlooking the Karakatuwhero River valley or the Awatere River Valley • all (except 721193) have good visibility out to the sea • access to fresh water. 	<p>B = Location of “Historic Māori Pā” sites explained (only ONE or TWO pieces of specific evidence or limited explanation).</p> <p><i>OR:</i></p> <p>C = Location of “Historic Māori Pā” sites fully explained (THREE or more specific pieces of evidence), with insight.</p>
(c)	<p>Chooses the correct cross-section and marks on appropriately and labels:</p> <p><i>Note: MUST choose A.</i></p> <p>(i) The two grid references that start and end the cross section = 683219 on the left axis, and 704199 on the right axis (MUST be in the correct place)</p> <p>(ii) a label for the vertical scale = metres</p> <p>(iii) Waipirita Stream = labelled in the right place</p> <p>(iv) Karakatuwhero Road = labelled in the right place.</p> <p>(See Appendix A).</p>	<p>B</p> <p>B</p> <p>C</p> <p>C</p>

Question One	Expected Coverage						
N1	N2	A3	A4	M5	M6	E7	E8
Shows minimal knowledge of basic skills and geographic conventions in the presentation of information.	Shows insufficient knowledge of basic skills and geographic conventions in the presentation of information.	<p>Uses basic skills and geographic conventions in the presentation of information, in some instances.</p> <p>Shows a basic understanding of the geographic concept of environments.</p>	<p>Uses basic skills and geographic conventions in the presentation of information, in most instances.</p> <p>Shows a basic understanding of the geographic concept of environments.</p>	<p>Uses basic skills and geographic conventions with precision, in the presentation of information, in some instances.</p> <p>Shows an in-depth understanding of the geographic concept of environments.</p>	<p>Uses basic skills and geographic conventions with precision, in the presentation of information, in most instances.</p> <p>Shows an in-depth understanding of the geographic concept of environments.</p>	<p>Uses geographic conventions with consistent precision, in most instances.</p> <p>Shows ability at completing a high number of geographic skills, using geographic terminology in the context of environments.</p> <p>Uses some supporting evidence from the resource material provided.</p>	<p>Uses geographic conventions with consistent precision.</p> <p>Shows excellent ability at completing a high number of geographic skills, using geographic terminology and concepts in the context of environments.</p> <p>Uses supporting evidence from the resource material provided.</p>

N0 = No response; no relevant evidence.

Question	Evidence	
<p>TWO</p>	<p>Codes: B = Basic C = Complex</p>	
<p><i>Geographic Concept: Change</i></p>		
<p>(a)</p>	<p>Fully explains TWO changes that have occurred between 2004 and 2014, using the photographs from Resource F showing the same stretch of the Karakatuwhero River, taken ten years apart:</p> <ul style="list-style-type: none"> • <u>2004</u> <ul style="list-style-type: none"> - forest much younger - can see roads and tracks - river narrow and hugging the north bend as it goes around the corner - grassed area to the south of this piece of the river - wider area of shingle / width of riverbed is wider. • <u>2014</u> <ul style="list-style-type: none"> - forest much denser – cannot see roads or tracks very well - river has changed its course – flows hard against the south-east bank - grassed area has disappeared - less area of shingle and sand evident - greater density of shingle - some trees have disappeared along the northern side of the river bank. - width of riverbed is narrower. 	<p>B = TWO changes clearly described, with little evidence provided. OR: C = TWO changes clearly described, with detailed evidence provided.</p>
<p>(b)</p>	<p>Constructs a percentage bar graph to show the age distribution of Te Araroa / East Cape, using statistics from Resource G:</p> <p><i>Note: MUST be a percentage bar graph.</i></p> <ul style="list-style-type: none"> • Title: “Percentage bar graph showing age distribution of Te Araroa / East Cape” (or similar) • scale completed and even • plotted correctly in age order • labels added, or key given. <p>(See Appendix B).</p>	<p>B B C B</p>

<p>(c)</p>	<p>Calculates the percentage of East Cape over-15-year-olds who have a school, or post-school qualification:</p> <ul style="list-style-type: none"> • 57-59% <p>OR:</p> <ul style="list-style-type: none"> • 58%. 	<p>B OR: C</p>
<p>(d)</p>	<p>Describes TWO differences between the age group structure of the Te Araroa / East Cape population and the New Zealand population, explaining why the differences occur, using statistical evidence from Resource F and any other resources:</p> <ul style="list-style-type: none"> • much younger population in Te Araroa / East Cape (28% under 15 years), compared to an average New Zealand population (19% under 15 years) <ul style="list-style-type: none"> - reason, e.g. higher birth rate (88% Māori in Te Araroa) • 15–64 age group in Te Araroa (61%), compared to New Zealand population (66%) <ul style="list-style-type: none"> - reason, e.g. some in this age group leave Te Araroa for work or further education because there is no university or polytech, and only limited places for employment such as the local general store, fire station, East Cape Manuka Oil Company, etc • over-65 age group in Te Araroa / East Cape (11%), compared to New Zealand population (14.5%). <ul style="list-style-type: none"> - reason, e.g. youthful population (28% under 15) = fewer elderly; no hospital / rest homes; die younger. 	<p>B = Difference One clearly described, with little or no insight as to why. OR: C = Difference One clearly described, with insight shown as to why.</p> <p>B = Difference Two clearly described, with little or no insight as to why. OR: C = Difference Two clearly described, with insight shown as to why.</p>

Question Two	Expected Coverage						
N1	N2	A3	A4	M5	M6	E7	E8
<p>Shows minimal knowledge of basic skills and geographic conventions in the presentation of information and interpretation of graphs, tables, and statistics.</p> <p>Shows a lack of basic skills.</p>	<p>Shows insufficient knowledge of basic skills and geographic conventions in the presentation of information and interpretation of graphs, tables, and statistics.</p> <p>Shows a lack of basic skills.</p>	<p>Uses basic skills and geographic conventions in the presentation of information and interpretation of graphs, tables, and statistics, in some instances.</p> <p>Shows a basic understanding of geographic concepts/ processes.</p>	<p>Uses basic skills and geographic conventions in the presentation of information and interpretation of graphs, tables, and statistics, in most instances.</p> <p>Shows a basic understanding of geographic concepts/ processes in (d) or (e).</p>	<p>Uses basic skills and geographic conventions with precision in presentation of information and interpretation of graphs, tables, and statistics, in some instances.</p> <p>Shows in-depth usage and understanding of geographic skills and concepts.</p>	<p>Uses basic skills and geographic conventions with precision in presentation of information and interpretation of graphs, tables, and statistics, in most instances.</p> <p>Shows in-depth usage and understanding of geographic skills and concepts.</p>	<p>Uses geographic skills and conventions with consistent precision in the presentation of information and interpretation of graphs, tables, and statistics, in most instances.</p> <p>Shows full application and understanding of geographic skills and concepts, using some supporting evidence from the resource material provided to show insight.</p>	<p>Uses geographic conventions with consistent precision in the presentation of information and interpretation of graphs, tables, and statistics.</p> <p>Shows full application and understanding of geographic skills and concepts, using geographic terminology, and a range of supporting evidence from the resource material provided to show insight.</p>

N0 = No response; no relevant evidence.

Question	Evidence	
THREE	<p>Codes: N = Not answered, irrelevant or insufficient answer. B = Basic C = Complex Ep = Partial explanation (a basic understanding of the resources are shown, but little supporting evidence). Ed = Detailed explanation (a detailed explanation of the concepts of kaitiakitanga and sustainability is given, with some detailed supporting evidence and insight).</p>	
<i>Geographic Concept: Sustainability (or other)</i>		
(a)	<p>Locates and labels on the précis sketch of Te Araroa:</p> <p>(i) Te Araroa Road: the area from the intersection with Shortcut Road to touch the frame at 695241</p> <p>(ii) the area of swamp found in AR6922</p> <p>(iii) the quarry.</p> <p>(See Appendix C).</p>	<p>B C B</p>
(b)	<p>Completes the star diagram to show FOUR current paid employment opportunities available to Te Araroa residents:</p> <ul style="list-style-type: none"> • emergency service worker, e.g. policeman, fireman • shop worker, e.g. general store, takeaways • beekeeper • medical worker, e.g. doctor, nurse • factory worker, e.g. honey / oil factory • tourism worker • café worker • call centre worker. 	<p>B OR: C</p>

<p>(c)</p>	<p>Fully explains how employment in Te Araroa could change in the future, including the geographic concept of sustainability (or any other concept), with specific evidence from the resources, e.g.:</p> <ul style="list-style-type: none"> • reference to the local government plan and the information on what has happened in Ruatoria • growth in manuka honey business as demand increases. Medical uses for killing biofilms. Honey/oil/tea • five main improvements made already as per district plan. Improvements to the area will result in more tourists; growth of coffee shops, tourist attractions, especially for those going out to the lighthouse. Have to pass through the town. Will provide work • forestry work as forests will eventually need cutting down and replanting (forests on the map at AR6919) • growth of tourism industry/jobs linked to the proposed East Coast Railway • need for development of ultra-fast broadband. Possible development of call centre similar to the one developed in Ruatoria • other growth for employment from suggestions on council short list. Development of theatre, drains, water supply, etc. 	<p>N = Not answered, irrelevant, or insufficient answer</p> <p>Ep = Partial explanation</p> <p>A basic understanding of the resource use is shown, but little supporting evidence relating to the concept of sustainability (or their chosen concept).</p> <p>Ed = Detailed explanation</p> <p>Discussion of a Concept must be there for Ed</p> <p>A full explanation of resource use is shown, with very detailed supporting evidence. A comprehensive understanding of concept of sustainability (or their chosen concept), and discussed with considerable insight.</p>
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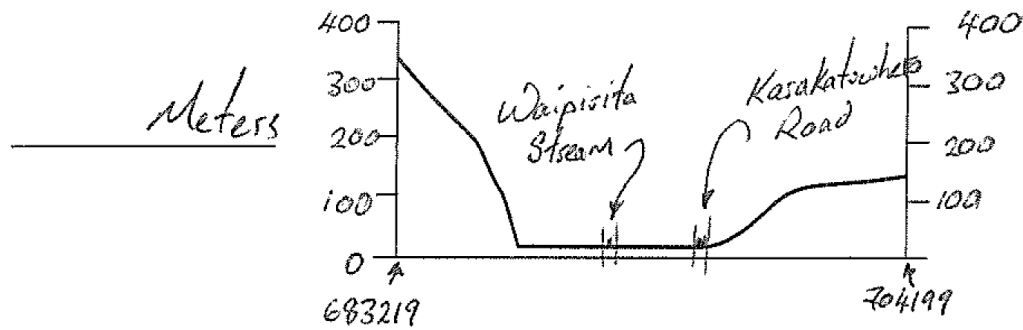
Question Three	Expected Coverage						
N1	N2	A3	A4	M5	M6	E7	E8
<p>ONE part completed with partial explanation, but no supporting evidence OR Shows minimal knowledge of basic skills and geographic conventions, in the presentation of information.</p>	<p>ONE part completed with partial explanation, but no supporting evidence OR Shows insufficient knowledge of basic skills and geographic conventions, in the presentation of information.</p>	<p>Uses basic skills and geographic conventions, in the presentation of information, in some instances. Shows a basic understanding of geographic concepts / processes.</p>	<p>Uses basic skills and geographic conventions, in the presentation of information, in most instances. Shows a basic understanding of geographic concepts / processes.</p>	<p>Uses basic skills and geographic conventions with precision, in the presentation of information, in some instances. Shows an in-depth understanding of geographic concepts / processes in any ONE of (a), (b), or (c).</p>	<p>Uses basic skills and geographic conventions with precision, in the presentation of information, in most instances. Shows an in-depth understanding of geographic concepts / processes in any TWO of (a), (b), or (c).</p>	<p>Uses geographic conventions with consistent precision, in the presentation of information, in most instances. Shows a full understanding of geography concepts, using geographic terminology. Uses some supporting evidence from the resources provided.</p>	<p>Uses geographic conventions with consistent precision, in the presentation of information. Shows a full understanding of geography concepts, using geographic terminology. Uses a range of supporting evidence from the resources provided.</p>

N0 = No response; no relevant evidence.

Cut Scores

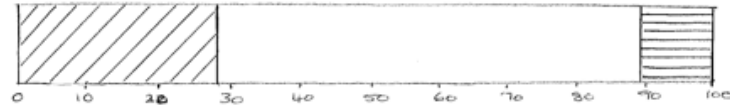
Not Achieved	Achievement	Achievement with Merit	Achievement with Excellence
0 – 7	8 – 13	14 – 18	19 – 24

Appendix A – Question One (c)



Appendix B – Question Two (b)

Percentage Bar Graph showing the Age Distribution of the Populations of the Te Anau East Cape Area



Percentage:

 Under 15

 15-64

 65+

Appendix C – Question Three (a)

