

MARKER CODE


 Pacific
Community
Communauté
du Pacifique


Student Personal Identification Number

South Pacific Form Seven Certificate

GEOGRAPHY

2018

QUESTION and ANSWER BOOKLET

Time allowed: Three hours

(An extra 10 minutes is allowed for reading this paper.)

INSTRUCTIONS

Write your **Student Personal Identification Number (SPIN)** in the space provided on the top right-hand corner of this page.

Answer **ALL QUESTIONS**. Write your answers in the spaces provided in this booklet.

Use the **Resource Booklet** (No.106/2) provided separately to answer questions on **Strand 3**.

If you need more space for answers, ask the Supervisor for the extra paper. Write your SPIN on all extra sheets used and clearly number the questions. Attach the extra sheets at the appropriate places in this booklet.

Major Learning Outcomes (Achievement Standards)	Skill Level & Number of Questions				Weight/ Time
	Level 1 <i>Uni- structural</i>	Level 2 <i>Multi- structural</i>	Level 3 <i>Relational</i>	Level 4 <i>Extended Abstract</i>	
Strand 1: Natural Processes Demonstrate an understanding of a geographic environment in the Pacific, focusing on interacting natural processes.	6	2	2	1	20 % 51 min
Strand 2: Cultural Processes Demonstrate an understanding of a cultural process operating within geographic environments at the local, national or global level.	4	3	2	1	20 % 51 min
Strand 3: Geographic Skills, Concepts and Ideas Demonstrate an understanding of geography skills, concepts and ideas.	9	5	1	2	30 % 78 min
TOTAL	19	10	5	4	70% 180 min

Check that this booklet contains pages 2-20 in the correct order and that none of these pages are blank.

HAND THIS BOOKLET TO THE SUPERVISOR AT THE END OF THE EXAMINATION.

STRAND 1: NATURAL PROCESSES

During this year, you studied a geographic environment in the Pacific, focusing on the interacting natural processes within it.

Choose **ONE** natural process you studied from the box below and write it in the frame provided.

Coastal, Fluvial, Tectonic, Volcanic, Geomorphological, Climate, Hydrological, Biogeographical and Pedologic Processes.

Natural Process Studied:

--

Name the Pacific geographic environment you studied and the local area as an example.

Country:

Local Area:

1.1	<p>Name TWO interacting natural processes operating in your chosen geographic environment.</p> <p>TWO interacting natural processes:</p> <p>1. _____</p> <p>2. _____</p>	<table border="1"> <thead> <tr> <th colspan="2">Unistructural</th> </tr> </thead> <tbody> <tr> <td>1</td> <td></td> </tr> <tr> <td>0</td> <td></td> </tr> <tr> <td>NR</td> <td></td> </tr> </tbody> </table>	Unistructural		1		0		NR			
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1.2	<p>For your chosen geographic environment, identify TWO elements of the interacting natural processes.</p> <p>TWO elements of the interacting natural processes:</p> <p>1. _____</p> <p>2. _____</p>	<table border="1"> <thead> <tr> <th colspan="2">Unistructural</th> </tr> </thead> <tbody> <tr> <td>1</td> <td></td> </tr> <tr> <td>0</td> <td></td> </tr> <tr> <td>NR</td> <td></td> </tr> </tbody> </table>	Unistructural		1		0		NR			
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1.3	<p>For your chosen geographic environment, name TWO natural features that result from the interacting natural processes.</p> <p>TWO natural features of the interacting natural processes:</p> <p>1. _____</p> <p>2. _____</p>	<table border="1"> <thead> <tr> <th colspan="2">Unistructural</th> </tr> </thead> <tbody> <tr> <td>1</td> <td></td> </tr> <tr> <td>0</td> <td></td> </tr> <tr> <td>NR</td> <td></td> </tr> </tbody> </table>	Unistructural		1		0		NR			
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1.4	<p>Describe the specific characteristics of ONE element of the interacting natural process that operates in your chosen geographic environment.</p> <p>_____</p> <p>_____</p> <p>_____</p> <p>_____</p> <p>_____</p> <p>_____</p> <p>_____</p> <p>_____</p> <p>_____</p> <p>_____</p> <p>_____</p>	<table border="1"> <thead> <tr> <th colspan="2">Multistructural</th> </tr> </thead> <tbody> <tr> <td>2</td> <td></td> </tr> <tr> <td>1</td> <td></td> </tr> <tr> <td>0</td> <td></td> </tr> <tr> <td>NR</td> <td></td> </tr> </tbody> </table>	Multistructural		2		1		0		NR	
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1.5 Draw a sketch map to show **TWO** elements of the interacting natural processes in your chosen geographic environment. Provide a title, key and scale for your map.

1.5a Sketch Map:

Title:

1.5b

KEY:

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STRAND 2: CULTURAL PROCESSES

During the year, you have studied a cultural process using illustrative examples from two settings: one from a Pacific Island nation, the other from the rest of the world.

In the frame below, name the cultural process that you have studied.

Cultural Process Studied:

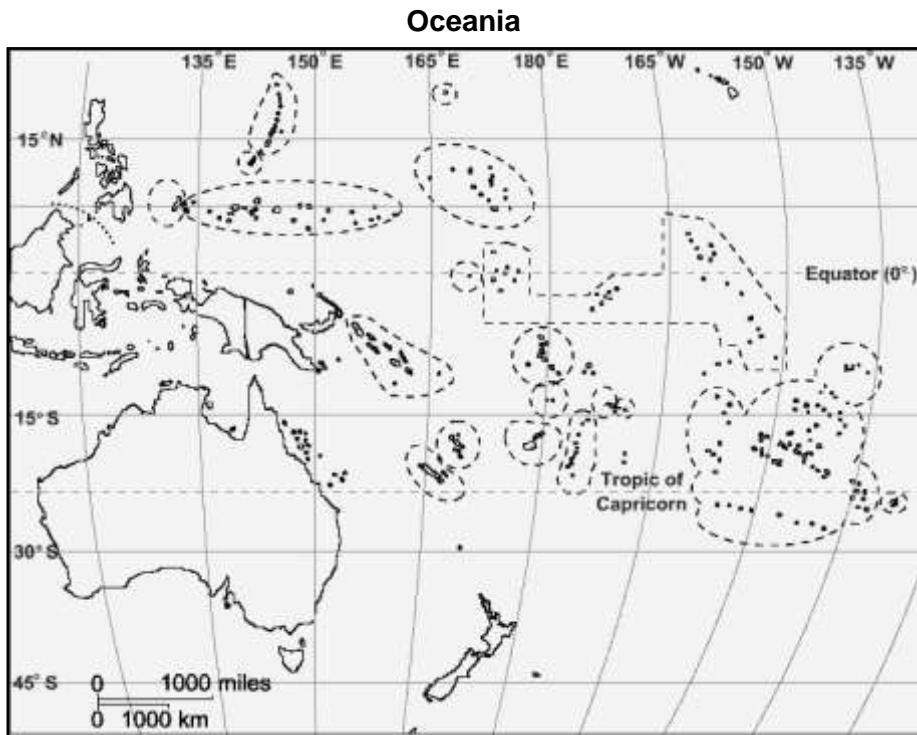
In the frame below, name the Pacific Island nation that you have studied.

Name of the Pacific Island Nation Setting:

In the frame below, name a country from the rest of the world (overseas) that you have studied such as Australia or New Zealand.

Name of the Rest of the World (overseas) Setting:

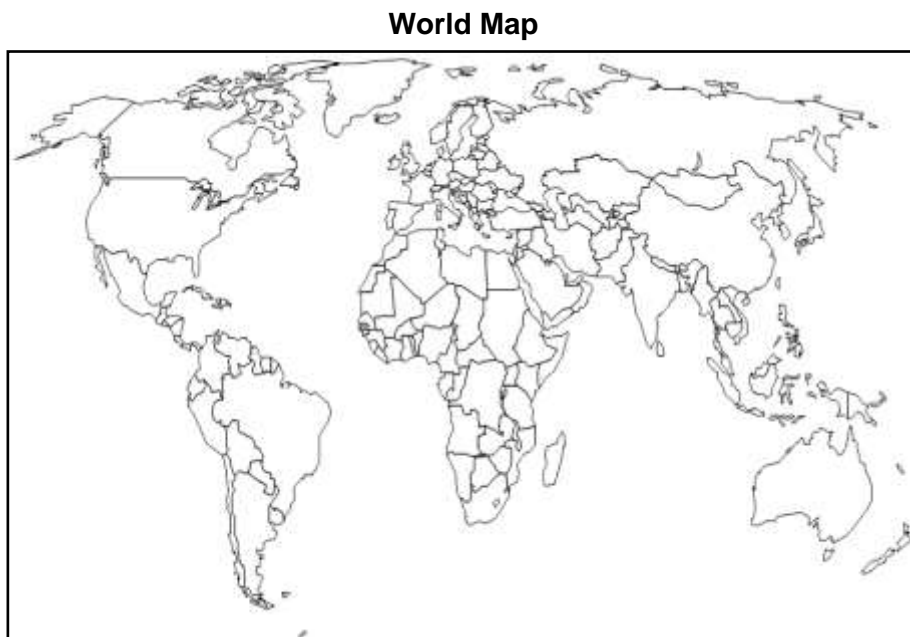
2.1a On the map below, locate and name your Pacific Island nation setting.



Source: www.picemaps.com

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2.1b On the map below, locate and name your overseas setting.



Source: www.podcastinghandbook.co

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2.2a	<p>Choose ONE Pacific cultural process from the list below: Migration, Tourism, Industrialisation, Agricultural Change and Changing Land use.</p> <p>Cultural Process Studied: _____</p>	
2.2a	<p>Draw a sketch map to show how the TWO elements of the cultural process operate in your chosen Pacific Island nation. Add a title, key and approximate scale to your map.</p> <p>Sketch Map:</p> <div style="border: 1px solid black; padding: 5px; margin-bottom: 10px;">Title:</div> <div style="border: 1px solid black; height: 250px; width: 100%;"></div>	
2.2b	<div style="border: 1px solid black; padding: 5px;">KEY:</div>	

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Assessor's use only

<p>2.3a</p>	<p>Identify TWO specific elements of the cultural processes in your overseas setting.</p> <p>1. _____</p> <p>2. _____</p>	<table border="1"> <thead> <tr> <th colspan="2">Unistructural</th> </tr> </thead> <tbody> <tr> <td>1</td> <td></td> </tr> <tr> <td>0</td> <td></td> </tr> <tr> <td>NR</td> <td></td> </tr> </tbody> </table>	Unistructural		1		0		NR					
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<p>2.3b</p>	<p>Describe the temporal variations of ONE cultural process operating in your chosen overseas setting.</p> <p>Cultural Process: _____</p> <p>_____</p> <p>_____</p> <p>_____</p> <p>_____</p> <p>_____</p> <p>_____</p> <p>_____</p> <p>_____</p> <p>_____</p> <p>_____</p>	<table border="1"> <thead> <tr> <th colspan="2">Multistructural</th> </tr> </thead> <tbody> <tr> <td>2</td> <td></td> </tr> <tr> <td>1</td> <td></td> </tr> <tr> <td>0</td> <td></td> </tr> <tr> <td>NR</td> <td></td> </tr> </tbody> </table>	Multistructural		2		1		0		NR			
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<p>2.4</p>	<p>Explain how your chosen cultural process operates for your chosen overseas setting. You can explain the sequence of events that happen, and the rate and scale at which the cultural process happens. Use specific case study as evidence.</p> <p>Cultural Process: _____</p> <p>_____</p> <p>_____</p> <p>_____</p> <p>_____</p> <p>_____</p> <p>_____</p> <p>_____</p> <p>_____</p> <p>_____</p> <p>_____</p> <p>_____</p> <p>_____</p> <p>_____</p>	<table border="1"> <thead> <tr> <th colspan="2">Relational</th> </tr> </thead> <tbody> <tr> <td>3</td> <td></td> </tr> <tr> <td>2</td> <td></td> </tr> <tr> <td>1</td> <td></td> </tr> <tr> <td>0</td> <td></td> </tr> <tr> <td>NR</td> <td></td> </tr> </tbody> </table>	Relational		3		2		1		0		NR	
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<p>2.5</p>	<p>List three factors that can bring about change in the cultural process of your Pacific Island nation setting.</p> <hr/> <hr/> <hr/> <hr/> <hr/> <hr/> <hr/> <hr/> <hr/>	<table border="1"> <tr><td colspan="2">Multistructural</td></tr> <tr><td>2</td><td></td></tr> <tr><td>1</td><td></td></tr> <tr><td>0</td><td></td></tr> <tr><td>NR</td><td></td></tr> </table>	Multistructural		2		1		0		NR			
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<p>2.6</p>	<p>Explain why there are local spatial variations in the cultural process for your chosen Pacific Island nation. Support your explanation with case study evidence.</p> <hr/> <hr/> <hr/> <hr/> <hr/> <hr/> <hr/> <hr/> <hr/> <hr/> <hr/> <hr/> <hr/> <hr/> <hr/> <hr/> <hr/> <hr/> <hr/> <hr/> <hr/> <hr/> <hr/> <hr/>	<table border="1"> <tr><td colspan="2">Relational</td></tr> <tr><td>3</td><td></td></tr> <tr><td>2</td><td></td></tr> <tr><td>1</td><td></td></tr> <tr><td>0</td><td></td></tr> <tr><td>NR</td><td></td></tr> </table>	Relational		3		2		1		0		NR	
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STRAND 3: GEOGRAPHIC SKILLS, CONCEPTS AND IDEAS

Complete all tasks in this section. These tasks are based on the information provided in the separate Resource Booklet (No.106/2) to test your ability to apply geographical skills, concepts and ideas.

The tasks in this section have been designed so that you can analyse the resources provided and gather information on the issue of **Green House Gas Emission and Climate Change**.

Assessor's use only

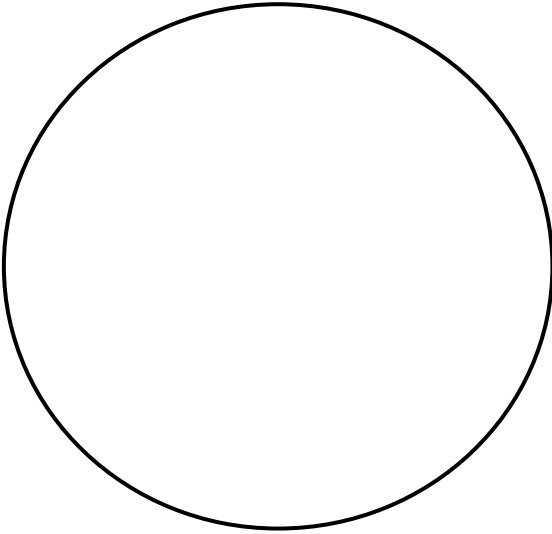
3.1	<p><u>Task 1: Application of Geographic Concepts and Ideas - Introduction</u></p> <p>Study the map of New Zealand, Resource 1; the satellite image of Lake Taupo, Resource 2; and the topographic map of Waikato, Resource 3 to answer questions 3.1a – 3.1c.</p>									
3.1a	<p>With reference to Resource 1 on page 2, state the location of the geothermal areas.</p> <p>_____</p> <p>_____</p> <p>_____</p> <p>_____</p>	<table border="1"> <thead> <tr> <th colspan="2">Unistructural</th> </tr> </thead> <tbody> <tr> <td>1</td> <td></td> </tr> <tr> <td>0</td> <td></td> </tr> <tr> <td>NR</td> <td></td> </tr> </tbody> </table>	Unistructural		1		0		NR	
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3.1b	<p>Name TWO geothermal sites in present use in Resource 1, page 2.</p> <p>_____</p> <p>_____</p> <p>_____</p> <p>_____</p>	<table border="1"> <thead> <tr> <th colspan="2">Unistructural</th> </tr> </thead> <tbody> <tr> <td>1</td> <td></td> </tr> <tr> <td>0</td> <td></td> </tr> <tr> <td>NR</td> <td></td> </tr> </tbody> </table>	Unistructural		1		0		NR	
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3.1c	<p>With reference to Resource 2 on page 2, identify the location of the settlements.</p> <p>_____</p> <p>_____</p> <p>_____</p>	<table border="1"> <thead> <tr> <th colspan="2">Unistructural</th> </tr> </thead> <tbody> <tr> <td>1</td> <td></td> </tr> <tr> <td>0</td> <td></td> </tr> <tr> <td>NR</td> <td></td> </tr> </tbody> </table>	Unistructural		1		0		NR	
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<p>3.2</p>	<p><u>Task 2: Interpretation of a Topographic Map</u></p> <p>Study Resource 3, which is the topographic map of Waikato, to answer questions 3.2a - 3.2d.</p>													
<p>3.2a</p>	<p>Name the cultural feature located at the six Grid Reference site given below.</p> <table border="1"> <thead> <tr> <th>Grid Reference</th> <th>Cultural Feature</th> </tr> </thead> <tbody> <tr> <td>778269</td> <td></td> </tr> </tbody> </table>	Grid Reference	Cultural Feature	778269		<table border="1"> <thead> <tr> <th colspan="2">Unistructural</th> </tr> </thead> <tbody> <tr> <td>1</td> <td></td> </tr> <tr> <td>0</td> <td></td> </tr> <tr> <td>NR</td> <td></td> </tr> </tbody> </table>	Unistructural		1		0		NR	
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<p>3.2b</p>	<p>In what direction is Broadlands (801294) from Taupo?</p> <p>_____</p> <p>_____</p>	<table border="1"> <thead> <tr> <th colspan="2">Unistructural</th> </tr> </thead> <tbody> <tr> <td>1</td> <td></td> </tr> <tr> <td>0</td> <td></td> </tr> <tr> <td>NR</td> <td></td> </tr> </tbody> </table>	Unistructural		1		0		NR					
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<p>3.2c</p>	<p>Calculate the area of Waikato.</p> <p>_____</p>	<table border="1"> <thead> <tr> <th colspan="2">Unistructural</th> </tr> </thead> <tbody> <tr> <td>1</td> <td></td> </tr> <tr> <td>0</td> <td></td> </tr> <tr> <td>NR</td> <td></td> </tr> </tbody> </table>	Unistructural		1		0		NR					
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<p>3.2d</p>	<p>What is the highest point in Waikato in metres?</p> <p>_____</p> <p>_____</p> <p>_____</p>	<table border="1"> <thead> <tr> <th colspan="2">Unistructural</th> </tr> </thead> <tbody> <tr> <td>1</td> <td></td> </tr> <tr> <td>0</td> <td></td> </tr> <tr> <td>NR</td> <td></td> </tr> </tbody> </table>	Unistructural		1		0		NR					
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<p>3.3</p>	<p>Task 3: <u>Map Reading and Sketching</u></p> <p>Study Resource 3 on pages 3 and 4 (that is, the topographic map of Waikato) to answer questions 3.3a – 3.3b.</p>											
<p>3.3a</p>	<p>Draw the précis sketch of Waikato in the frame provided and include the following features in your drawing:</p> <ul style="list-style-type: none"> (i) Waikato River (ii) A built up area (iii) An area of exotic trees (iv) The main electric power line <div style="border: 1px solid black; height: 390px; margin-top: 20px;"></div>	<table border="1" style="margin-left: auto; margin-right: auto;"> <thead> <tr> <th colspan="2" style="text-align: center;">Multistructural</th> </tr> </thead> <tbody> <tr> <td style="text-align: center;">2</td> <td style="width: 40px;"></td> </tr> <tr> <td style="text-align: center;">1</td> <td></td> </tr> <tr> <td style="text-align: center;">0</td> <td></td> </tr> <tr> <td style="text-align: center;">NR</td> <td></td> </tr> </tbody> </table>	Multistructural		2		1		0		NR	
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<p>3.3b</p>	<p>KEY:</p> <div style="border: 1px solid black; height: 110px; margin-top: 5px;"></div>	<table border="1" style="margin-left: auto; margin-right: auto;"> <thead> <tr> <th colspan="2" style="text-align: center;">Unistructural</th> </tr> </thead> <tbody> <tr> <td style="text-align: center;">1</td> <td style="width: 40px;"></td> </tr> <tr> <td style="text-align: center;">0</td> <td></td> </tr> <tr> <td style="text-align: center;">NR</td> <td></td> </tr> </tbody> </table>	Unistructural		1		0		NR			
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<p>3.4</p>	<p>Task 4: <u>Interpretation of Climograph</u></p> <p>Use Resource 4, the Climograph of Waikato, on page 5 to answer questions 3.4a – 3.4c.</p>													
<p>3.4a</p>	<p>Interpret the climograph and state the driest month.</p> <p>_____</p> <p>_____</p> <p>_____</p>	<table border="1"> <tr> <th colspan="2">Multistructural</th> </tr> <tr> <td>2</td> <td></td> </tr> <tr> <td>1</td> <td></td> </tr> <tr> <td>0</td> <td></td> </tr> <tr> <td>NR</td> <td></td> </tr> </table>	Multistructural		2		1		0		NR			
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<p>3.4b</p>	<p>What generalisation can be made regarding the temperature pattern in Waikato?</p> <p>_____</p> <p>_____</p> <p>_____</p> <p>_____</p>	<table border="1"> <tr> <th colspan="2">Multistructural</th> </tr> <tr> <td>2</td> <td></td> </tr> <tr> <td>1</td> <td></td> </tr> <tr> <td>0</td> <td></td> </tr> <tr> <td>NR</td> <td></td> </tr> </table>	Multistructural		2		1		0		NR			
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<p>3.4c</p>	<p>Calculate the average rainfall for Waikato.</p> <p>Average Rainfall: _____</p>	<table border="1"> <tr> <th colspan="2">Relational</th> </tr> <tr> <td>3</td> <td></td> </tr> <tr> <td>2</td> <td></td> </tr> <tr> <td>1</td> <td></td> </tr> <tr> <td>0</td> <td></td> </tr> <tr> <td>NR</td> <td></td> </tr> </table>	Relational		3		2		1		0		NR	
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<p>3.5</p>	<p>Task 5: <u>Cartoon Interpretation</u></p> <p>Use Resource 5 on page 5 to help you answer question 3.5a.</p>											
<p>3.5a</p>	<p>Describe the comment the artist is making about people's attitude to the environment.</p> <p>_____</p> <p>_____</p> <p>_____</p> <p>_____</p> <p>_____</p>	<table border="1"> <tr> <th colspan="2">Multistructural</th> </tr> <tr> <td>2</td> <td></td> </tr> <tr> <td>1</td> <td></td> </tr> <tr> <td>0</td> <td></td> </tr> <tr> <td>NR</td> <td></td> </tr> </table>	Multistructural		2		1		0		NR	
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<p>3.6</p>	<p>Task 6: <u>Calculations and Graph Construction</u></p> <p>Use Resource 6 on page 6 to help you answer 3.6a – 3.6b.</p>											
<p>3.6a</p>	<p>Construct a pie graph to show New Zealand's greenhouse gas emissions in 2012. Do the necessary calculations/conversions before drawing the pie graph.</p> <p>Title: _____</p> 	<table border="1"> <thead> <tr> <th colspan="2">Multistructural</th> </tr> </thead> <tbody> <tr> <td>2</td> <td></td> </tr> <tr> <td>1</td> <td></td> </tr> <tr> <td>0</td> <td></td> </tr> <tr> <td>NR</td> <td></td> </tr> </tbody> </table>	Multistructural		2		1		0		NR	
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<p>3.6b</p>	<p>KEY:</p> <div style="border: 1px solid black; height: 100px; width: 100%;"></div>	<table border="1"> <thead> <tr> <th colspan="2">Unistructural</th> </tr> </thead> <tbody> <tr> <td>1</td> <td></td> </tr> <tr> <td>0</td> <td></td> </tr> <tr> <td>NR</td> <td></td> </tr> </tbody> </table>	Unistructural		1		0		NR			
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