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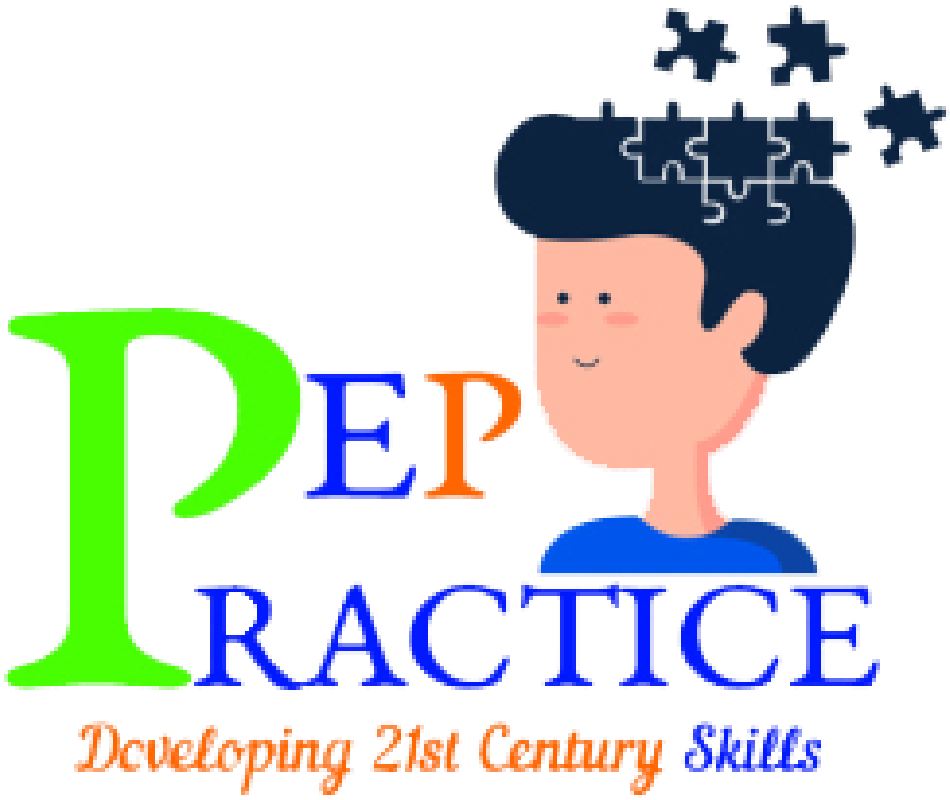


Grade 5
Performance Task

Grade 5 Performance Task Scoring Rubrics

Language Arts Performance Task Rubric

ITEM#	Credit for specific aspects of performance should be assigned as follows:	Points	Section Points
Part 1 Ques. 1	Student gives information such as : **Foods that are in each section** • Grains- bread macaroni • Vegetables broccoli,corn • Fruits -grapes,bananas • Milk/Dairy -cheeze, yogurt • Meat and Beans-chicken,egg • Fats, Oils and Sweets-donut, cookie W**hat's good about it**: • Grains are important sources of many nutrients, including fiber, B vitamins (thiamin, riboflavin, niacin and folate) and minerals (iron, magnesium and selenium). • Vegetables are important sources of many nutrients, including potassium, dietary fiber, folate (folic acid), vitamin A, and vitamin C. • Fruits are sources of many essential nutrients that are under consumed, including potassium, dietary fiber, vitamin C, and folate (folic acid) • Milk/Dairy-serve as good sources of **calcium** and vitamin D as well as protein • Meat and Beans include protein, B vitamins • Fats, Oils and Sweets add flavour and variety to our diets **Serving Size (How much you should eat) each day** • Grains - 6-11 • Vegetables -3-5 • Fruits - 2-4 • Milk/Dairy – 2-3 • Meat and Beans – 2-3 • Fats, Oils and Sweets – Eat sparingly	5	5

Part 1 Ques. 2	**Student refers to:** **What the food labels tell us about the foods we eat:** **Students gives information such as** • **Serving Size** Example: The label is usually based on one serving of the food, for Food Label A, the serving size 55 g or 2/3 cups, However, if the container has more than one serving but could be consumed in one sitting—such as a pint of ice cream—the label will have two columns (see Food Label B). The first column lists the calories and nutrients in one serving. The second column lists the calories and nutrients in the entire container. If you eat a whole package of food that contains two servings, you will get twice as many calories, nutrients, sugar, and fat as are in one serving. For Food Label B, the serving size is 255g or 1 cup. • **Servings Per Container:** The serving on the label can also be for the whole container. **The Servings Per Container:** shows the total number of **servings** in the entire food package or **container**. For Food Label A, the serving per container is 8 servings , For Food Label B the serving per container is 2 servings • **Calories:** Calories in food provide energy in the form of heat so that our bodies can function. For Food Label A, the calories per serving is 230 calories, For Food Label B the calories per serving is 230 and the calories per container is 440 calories. • **Calories from Fat:** For Food Label A, the calories from fat is 1g, For Food Label B the calories from fat per serving is 2g and the calories from fat per container is 4g. • **Total Fat: For** Food Label A, the total fat is 8g, For Food Label B the total fat per serving is 5g and the calories per container is 10g. • **Sodium:** Salt contains **sodium.** For Food Label A, the sodium is 160g, or 7% of that food. For Food Label B the sodium per serving is 240mg or 10% of the product and the sodium per container is 480mg.or 21% of the product • **Total Carbohydrates:** For Food Label A, the total carbohydrate is 37g, or 13% of that food. For Food Label B the total carbohydrate per serving is 35g or 13% of the product and the total carbohydrate per container is 70g.or 25% of the product • **Sugars:** For Food Label A, the total sugar is 12g of that food. For Food Label B the total sugar per serving is 7g of the product and the total Sugar per container is 14g of the product • **Protein**		4

	For Food Label A, the Protein is 3g, For Food Label B the protein per serving is 9g of the product and the total Protein per container is 18g • **Vitamins:** For Food Label A, the vitamin is 2mcg, Food Label B, the vitamin is 5mcg and the total Protein per container is 10mcg **Are these healthy food examples:** **Students provide responses such as:** • Yes, because the food has less sugar and more proteins and vitamins. • No, because the food contains too much sugar and salt.		
Part 2 Ques. 3	**Two health problems that could arise as a result of poor nutrition.** • Diabetics or Sugar-Caused by eating too much sugar • Hypertension or High Blood Pressure- Caused by eating too much salt **Suggestions as to how these could be avoided or resolved.** • Diabetics 1. Eat less sugar, or sugar-based products. 2. Read sugar on food label 3. Eat more vegetables and fruits 4. Drink more water • Hypertension or High Blood Pressure- 1. eating less much salt and salt based products. 2. Read the sodium content on labels 3. Drink more water 4. Visit your doctor for regular check ups **Credit awarded for answers with:** • Stating any other heath related problems caused as a result of improper eating habit; providing explaining. Give possible solutions		4

Part 3 Ques. 4	**Student scores maximum point for:** • At least two reasons (importance of good nutrition and healthy living) given with full explanation (Max. 6 points) • Include two health problems that may occur due to unhealthy eating • Referencing and using notes from both sources (1 point each) • Having a clear and logical progression of ideas (No more than 4 paragraphs and no less than 3). Half mark off for each paragraph over or under the limit. • Good use of conventions of written language including proper grammar, spellings and punctuation **Students will be given partial credit for:** • Giving one or two reasons given with full explanation • Include one health problem that may occur due to unhealthy eating • Citing evidence from one source • Having unclear yet an adequate progression of ideas. (2 paragraphs or less) • Fair use of conventions of written language including proper grammar, spellings and punctuation **Students will be given no credit:** • If the response demonstrates little or no command of the conventions of written language as well as no evidence of the ability to cite and elaborate on sources.	6 1 2 2 2 2-4 1 1 1	12
	Total Marks		25

Science Performance Task 2 Rubric

ITEM#	Credit for specific aspects of performance should be assigned as follows:	Points	Section Points

Part 1 Ques. 1	Student gives correct answers: **Electricity cost per hour:** • **Television** *Watts per hour* 8x60 = 480 watts *Total electricity cost* 480x 85 = $40,800 • **Phone** Watts per hour 4x60 = 240 watts *Total electricity cost* 480x 85 = $20,400 • **Tablet** Watts per hour 6x60 = 360 watts *Total electricity cost* 360x 85 = $30,600	2	4
Part2 Ques. 1	Student gives correct answers: The difference between how solar energy technology and wind energy technology generates electricity is that in solar energy, the heat from the sun is converted into electricity photovoltaic cell in the solar panel, while in in wind energy, the wind turns turbines to run generator that convert energy into electricity, with is then stored in batteries. **Partial credit awarded for only one answer**	1	2
Part2 Ques. 2	Student gives the correct answer: **Example of benefits** • **Solar Energy** 1. Non polluting 2. Most abundant 3. Cell last 15-30 years • **Wind energy** 1. No emissions 2. Low cost after built 3. Little interruption to the ecosystem 4. High output •	1 1	4

<table>
<tr><td>Part 2
Ques.
3</td><td>Student gives the correct answer:
<u>Example of drawbacks</u>
• Solar Energy
4. Expensive
5. Depends on sunny weather
6. Large space needed
• Wind energy
5. Expensive to build
6. Output only when windy
7. Not enough wind everywhere</td><td></td><td></td></tr>
<tr><td>Part 3
Ques.
1</td><td>
<table>
<tr><td colspan="6">House 3</td></tr>
<tr><td>Reading Date</td><td>1</td><td>1</td><td>2</td><td>2</td><td></td></tr>
<tr><td>May 1st</td><td>6</td><td>1</td><td>2</td><td>8</td><td>7</td></tr>
<tr><td>June 1st</td><td>7</td><td>8</td><td>9</td><td>0</td><td>8</td></tr>
<tr><td>July 1st</td><td>8</td><td>4</td><td>3</td><td>6</td><td>7</td></tr>
<tr><td>Aug. 1st</td><td>9</td><td>3</td><td>1</td><td>9</td><td>2</td></tr>
<tr><td>Total</td><td>31</td><td>7</td><td>7</td><td>5</td><td>4</td></tr>
</table>
Student gives the correct answers:
<table>
<tr><td colspan="6">House 1</td></tr>
<tr><td>Reading Date</td><td>1</td><td>1</td><td>2</td><td>2</td><td></td></tr>
<tr><td>May 1st</td><td>6</td><td>1</td><td>2</td><td>8</td><td>7</td></tr>
<tr><td>June 1st</td><td>5</td><td>8</td><td>9</td><td>0</td><td>8</td></tr>
<tr><td>July 1st</td><td>3</td><td>4</td><td>3</td><td>6</td><td>7</td></tr>
<tr><td>Aug. 1st</td><td>2</td><td>3</td><td>1</td><td>9</td><td>2</td></tr>
<tr><td>Total</td><td>17</td><td>7</td><td>7</td><td>5</td><td>4</td></tr>
</table>
<table>
<tr><td colspan="6">House 2</td></tr>
<tr><td>Reading Date</td><td>1</td><td>1</td><td>1</td><td>2</td><td></td></tr>
<tr><td>May 1st</td><td>0</td><td>1</td><td>2</td><td>8</td><td>7</td></tr>
<tr><td>June 1st</td><td>1</td><td>8</td><td>9</td><td>0</td><td>8</td></tr>
<tr><td>July 1st</td><td>3</td><td>4</td><td>0</td><td>0</td><td>7</td></tr>
<tr><td>Aug. 1st</td><td>2</td><td>3</td><td>1</td><td>9</td><td>2</td></tr>
<tr><td>Total</td><td>7</td><td>7</td><td>3</td><td>9</td><td>4</td></tr>
</table>
<table>
<tr><td>Households</td><td>Total energy used (KWPH)</td><td>Type of technology</td><td>Effects</td></tr>
<tr><td>House 1</td><td>177754</td><td>Solar</td><td>Non-Polluting</td></tr>
<tr><td>House 2</td><td>77394</td><td>Wind</td><td>No Emission</td></tr>
<tr><td>House 3</td><td>317754</td><td>Fossil Fuel</td><td>High Temperature</td></tr>
</table>
</td><td>8
1
2
2
2
2
1
1
1</td><td>15</td></tr>
</table>

Part 3 Ques. 2	**Student gives the correct answer:** • Difference between the energy used by **House 1** and **House 2** **Energy used by House 1** =177754 **Energy used by House 2=**77394 :- 177754 -77394=100,360		
Part 3 Ques. 3	**Student gives the correct answer:** The reason for the reduction or increase in energy usage between the households could be because, House 3 uses fossil fuel energy which causes the house to consumes more Kilo watt per hour (KWPH) per meter reading, the house with the least amount of Kilo watt per hour (KWPH) is House 2 which used wind energy, which give a high output of energy therefore less Kilo watt per hour (KWPH) is consumed, solar energy is the next best option after wind energy that will caused a reduction of energy usage, therefore, this is the energy that House 1 uses.		
	Total Marks		**25**

Social Studies Performance Task Rubric

<table>
<tr><th>ITEM#</th><th>Credit for specific aspects of performance should be assigned as follows:</th><th>Points</th><th>Section Points</th></tr>
<tr><td>Part 1 Ques. 1</td><td>Student gives correct answers:
<table><tr><th>Questions</th><th>Source 1 only</th><th>Source 2 only</th><th>Both sources</th></tr><tr><td>Who were the first Maroons?</td><td>●</td><td>○</td><td>○</td></tr><tr><td>Who were the Europeans that settled in Jamaica?</td><td>○</td><td>○</td><td>●</td></tr></table></td><td>2</td><td>4</td></tr>
<tr><td>Part 1 Ques. 2a</td><td>Student gives correct answer: Source 2</td><td>1</td><td>2</td></tr>
<tr><td>Part2 Ques. 2</td><td>Student gives the correct answers:
Source 2 was most helpful because it explained in detail the reason why Europeans came to Jamaica and exported African Slaves Student provides evidence such as
• “The English settlers concerned themselves with growing crops that could easily be sold in England. Tobacco, indigo and cocoa soon gave way to sugar which became the main crop for the island.The sugar industry grew so rapidly that the 57 sugar estates in the island in 1673 grew to nearly 430 by 1739.”
• “Enslaved Africans filled the large labour force required for the industry. The colonists were impressed with the performance and endurance of the Africans, as well as the fact that African labour was cheaper and more promising. They continued to ship Africans to the West Indies to be sold to planters who forced them to work on sugar plantations.”
•</td><td>1
1</td><td>4</td></tr>
</table>

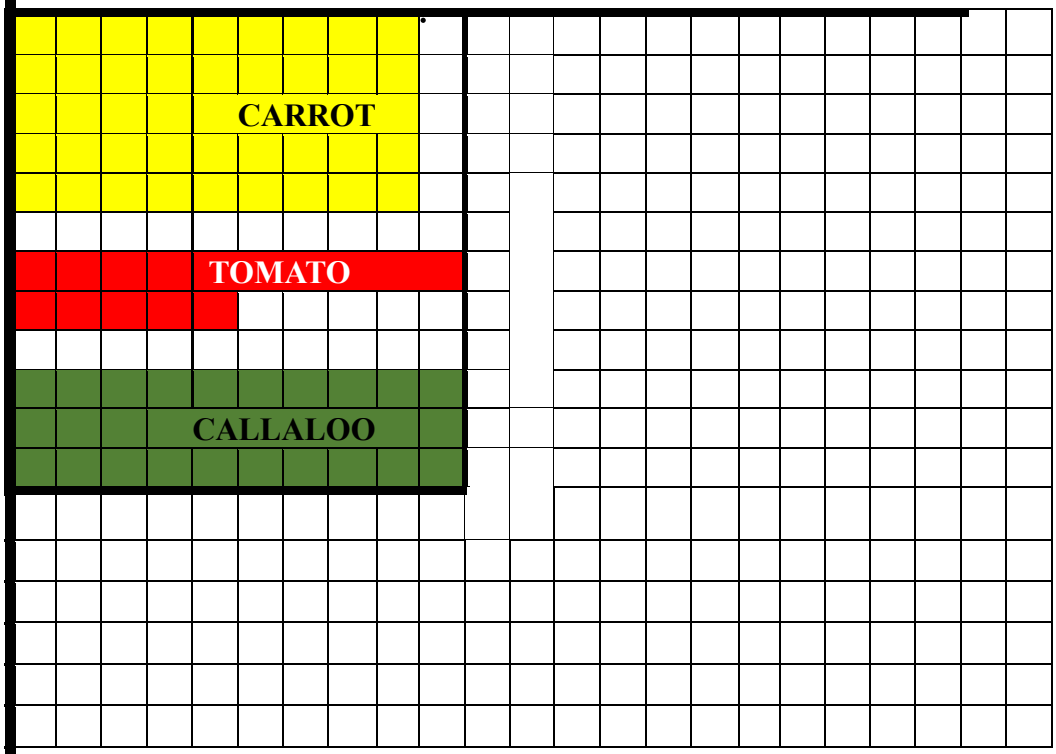
Part 2 Ques. 1	**Student scores maximum point for:** • At least two reasons given why the Europeans came to Jamaica with full explanation of the impact it had on the Africans (why they rebelled) (Max. 6 points) • Include description of the slave trade • Referencing and using notes from both sources (1 point each) • Having a clear and logical progression of ideas (No more than 4 paragraphs and no less than 3). Half mark off for each paragraph over or under the limit. • Good use of conventions of written language including proper grammar, spellings and punctuation **Students will be given partial credit for:** • Giving one reasons given with full explanation • Citing evidence from one source • Having unclear yet an adequate progression of ideas. (2 paragraphs or less) • Fair use of conventions of written language including proper grammar, spellings and punctuation **Students will be given no credit:** • If the response demonstrates little or no command of the conventions of written language as well as no evidence of the ability to cite and elaborate on sources.		
	Total Marks		**25**

Mathematics Performance Task Rubric

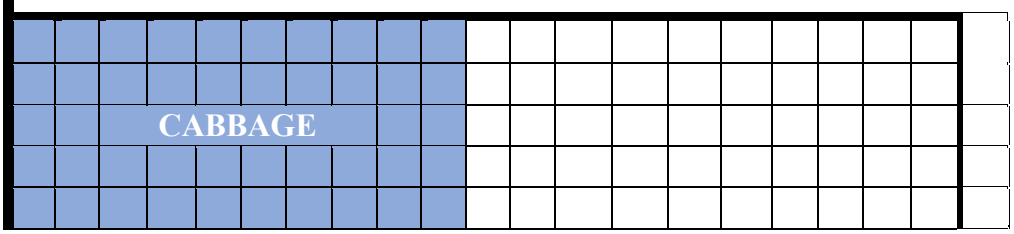
ITEM #	Credit for specific aspects of performance should be assigned as follows:	Points	Section Points
Part 1 Ques. 1a	Students give the correct answer:		4

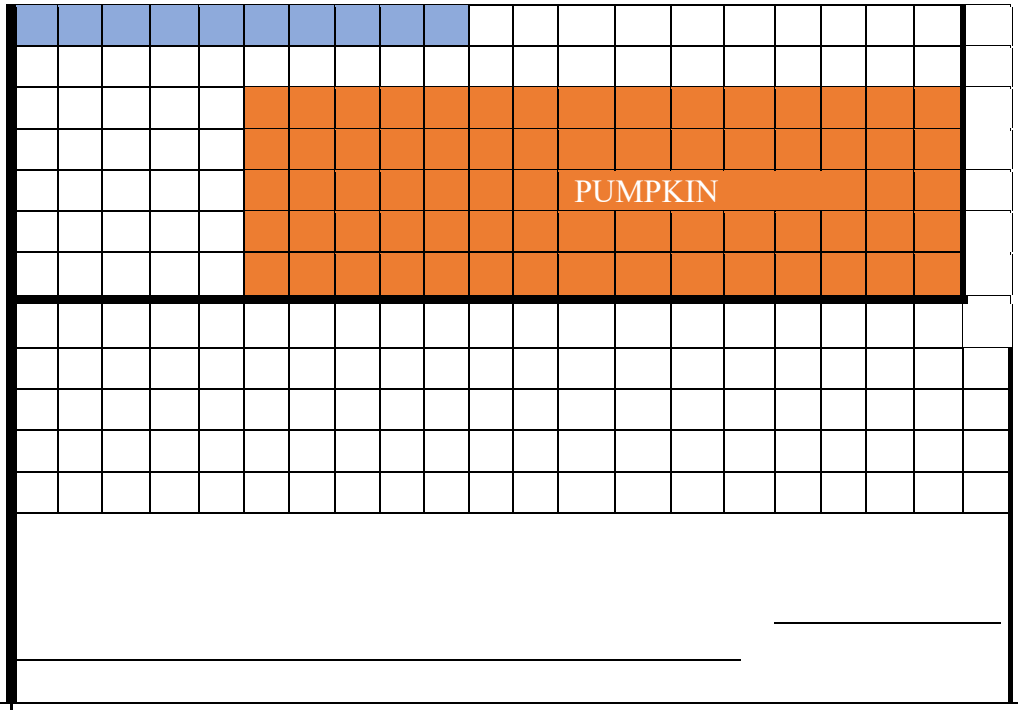
Crop	Seeds in the pack	Seeds that grew
Cabbage	80	60
Callaloo	40	30
Pumpkin	100	75

Carrot	60	45
Tomato	20	15

Part 1 Ques. b	Student shows correct outline : Garden A = 120cm^2 	1 5	6

Garden B = 240cm^2





Students give the correct answers: 5

Crops	Seeds planted	Quantities of crops harvested (Kg)	Packs of seed
Callaloo	600	30	30
Pumpkin	240	60	12
Carrot	180	9	9
Tomato	1280	64	64
Cabbage	140	21	7

Students show working out:
Examples:

- **Callaloo**

Amount of seed in the pack = 20
Pack of seeds = 30
Quantities obtained from seed planted (kg)=10
0.50 ÷ 30=0.02
20x30=600
200 x 0.02=12 kg

- **Pumpkin**

Amount of seed in the pack = 20
Pack of seeds = 12
Quantities obtained from seed planted (kg)=60
1.00 ÷ 4=0.25
20 x 12=240
240x 0.25=60 kg

Or
1.00 ÷ 4=0.25
60÷0.25=240
240÷20=12

- **Carrot**

Amount of seed in the pack = 20
Pack of seeds = 9
Quantities obtained from seed planted (kg)=9
0.75 ÷ 15=0.05
20x 9=180
180 x0.05=9kg

- **Tomato**

Amount of seed in the pack = 20
Pack of seeds =64
Quantities obtained from seed planted (kg)=64
0.40 ÷ 8=0.05
20x64=1280
1280 x0.05=64

Or
0.40 ÷ 8=0.05
64 ÷ 0.05=1280
1280÷ 20=64

 Cabbage

Amount of seed in the pack = 20
Pack of seeds = 7
Quantities obtained from seed planted (kg)=21
0.75 ÷ 5=0.15
7x20=140
140x 0.15=21kg

Students gives correct answers:

Crop	Amount of seeds planted	Duration (weeks)
Callaloo	600	360
Pumpkin	240	180
Carrot	180	72
Tomato	1280	480
Cabbage	140	168

Students find answer by working out:
Example:

- **Callaloo**

Amount of seed planted first= 10
Duration it took to produce harvest crops=6 weeks
Number of seed planted now = 600
Duration it will take to produce 10 kilograms of callaloo from 600 seeds = 360 weeks

Duration it took to harvest callaloo crops= 6 ÷10= 0.6 weeks

5

Duration it will take to produce 10 kilograms of callaloo from 200 seeds = 0.6 x 600 = 120 weeks

- **Pumpkin**

Amount of seed planted first= 4
Duration it took to produce harvest crops=3 weeks
Number of seed planted now = 240
Duration it will take to produce 60 kilograms of pumpkin from 240 seeds = 180 weeks

Duration it took to harvest pumpkin crops= 3 ÷4= 0.75 weeks
Duration it will take to produce 60 kilograms of pumpkin from 240 seeds = 0.75x 240= 180 weeks

- **Carrot**

Amount of seed planted first= 15
Duration it took to produce harvest crops=6 weeks
Number of seed planted now = 180
Duration it will take to produce 9 kilograms of carrot from 180 seeds = 72 weeks

Duration it took to harvest carrot crops= 6 ÷15= 0.4 weeks.
Duration it will take to produce 9 kilograms of carrots from 180 seeds = 0.4 x 180 = 72 weeks

- **Tomato**

Amount of seed planted first= 8
Duration it took to produce harvest crops=3 weeks
Number of seed planted now = 1280
Duration it will take to produce 64 kilograms of tomato from 1280 seeds = 480 weeks
Duration it took to harvest tomato crop= 3 ÷8= 0.375 weeks.
Duration it will take to produce 64 kilograms of tomato from 1280 seeds = 0.375 x 1280 = 480 weeks

- **Cabbage**

Amount of seed planted first= 5
Duration it took to produce harvest crops=6 weeks
Number of seed planted now = 140
Duration it will take to produce 21 kilograms of cabbage from 140 seeds = 168 weeks
Duration it took to harvest cabbage crop= 6 ÷5= Approximately 1.2 weeks
Duration it will take to produce 21 kilograms of cabbage from 140 seeds = 1.2 x 140 = 168 weeks

			Quantities harvested (Kg)		

Part 2 Ques. 1a		**Crops**	**1-20**	**20-40**	**40-60**	**60-80**	**80-100**	5 (1)	5
		Callaloo	○	●	○	○	○		
		Pumpkin	○	○	○	●	○		
		Carrot	●	○	○	○	○		
		Tomato	○	○	○	●	○		
		Cabbage	○	●	○	○	○		