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Primary 4 - Term 2 (SA1) Science (ACS) ✓

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Test Introduction

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71 Questions (67 Points)

Question Bank: 19,950 Questions 

Test Questions

1 Test Assignment

Question 1

Primary 4 Science » Primary 4 Science (Term 2)

2 pts

Booklet A (28 x 2 marks)

For each question from 1 to 28, four options are given. One of them is the correct answer.

Which one of the following statements about living things is true?

- A) All living things can give birth to young
- B) A shadow is a living thing as it can move
- C) A toy robot is a living thing because it respond to changes
- ✓ D) Plants are living things even though they cannot move from place to place

Question Type: Multiple Choice
Randomize Answers: No
Date Added: Fri 8th Jan 2021
Last Modified: N/A
QID#: 25,774,909

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Question 2

Primary 4 Science » Primary 4 Science (Term 2)

2 pts

Which of the following characteristics care true about all insects?

- A: They have wings
- B: They have six legs
- C: They have three body parts
- D: They have hard outer covering

- A) A only
- B) B and C only
- C) B, C and D only



D) A, B, C and D

Question Type: Multiple Choice
Randomize Answers: No
Date Added: Fri 8th Jan 2021
Last Modified: N/A
QID#: 25,774,969

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Question 3

Primary 4 Science » Primary 4 Science (Term 2)

2 pts

Which of the following does not describe the staghorn fern and mushroom?

- A: staghorn fern and mushroom can make their own food
 B: staghorn fern and mushroom are both non-flowering plant
 C: staghorn fern and mushroom are fungi as they reproduce by spores

- A) C only
 B) A and B only
 C) A and C only

D) A, B and C

Question Type: Multiple Choice
Randomize Answers: No
Date Added: Fri 8th Jan 2021
Last Modified: N/A
QID#: 25,774,979

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Question 4

Primary 4 Science » Primary 4 Science (Term 2)

2 pts

Study the table below.

Characteristics	Animal W	Animal X	Animal Y	Animal Z
Has wings	Yes	Yes	No	Yes
Has 2 legs	No	Yes	No	No
Has feathers	No	Yes	No	No
Has scales as outer covering	No	No	Yes	No

Which animal, W, X, Y or Z is most likely a bird?

- A) W
 B) X
 C) Y
 D) Z

Question Type: Multiple Choice
Randomize Answers: No
Date Added: Fri 8th Jan 2021
Last Modified: N/A
QID#: 25,774,981

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Question 5

Primary 4 Science » Primary 4 Science (Term 2)

2 pts

Which of the following statements is true about mould?

- A) Mould can only grow in bread
- B) Mould can only grow in dark places
- ✓ C) Mould can only reproduce by spores
- D) Mould can only be seen under the microscope

Question Type: Multiple Choice
Randomize Answers: No
Date Added: Fri 8th Jan 2021
Last Modified: N/A
QID#: 25,774,983

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Question 6

Primary 4 Science » Primary 4 Science (Term 2)

2 pts

James' parents were watching television in the living room in the afternoon. They realised that the sun was very glaring and decided to buy some curtains to solve the problem. What is the most important property that they should consider when buying the curtains?

- A) Mass
- B) Strength
- C) Flexibility
- ✓ D) Transparency

Question Type: Multiple Choice
Randomize Answers: No
Date Added: Fri 8th Jan 2021
Last Modified: N/A
QID#: 25,774,989

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Question 7

Primary 4 Science » Primary 4 Science (Term 2)

2 pts

Leo was bending his thin metal wire to form different shape for his project. His younger brother tried to do exactly the same action as him by bending a stiff plastic ruler. The plastic ruler broke because it was not _____.

- A) soft
- B) stiff

- C) light
✓ D) flexible

Question Type: Multiple Choice
Randomize Answers: No
Date Added: Fri 8th Jan 2021
Last Modified: N/A
QID#: 25,774,996

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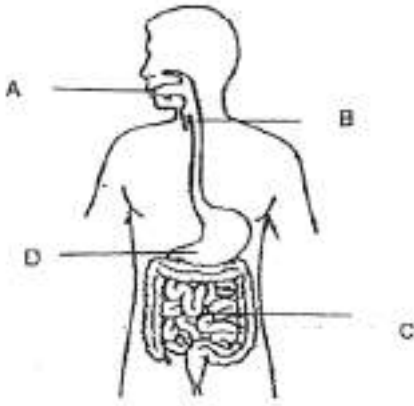
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Question 8

Primary 4 Science » Primary 4 Science (Term 2)

2 pts

The diagram below shows the digestive system with parts labelled A, B, C and D.



Digestive juices are not found in part _____.

- A) A
✓ B) B
C) C
D) D

Question Type: Multiple Choice
Randomize Answers: No
Date Added: Fri 8th Jan 2021
Last Modified: N/A
QID#: 25,774,999

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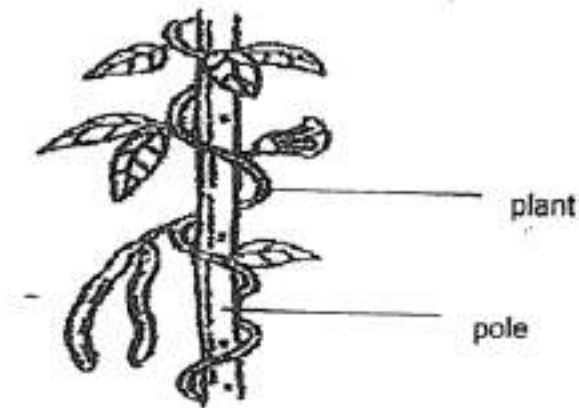
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Question 9

Primary 4 Science » Primary 4 Science (Term 2)

2 pts

Study the picture of a plant on a pole.



Why did the plant climb up the pole?

- A) It wanted to get more air
- B) It wanted to get more warmth
- ✓ C) It wanted to get more sunlight
- D) It wanted to get more nutrients

Question Type: Multiple Choice
Randomize Answers: No
Date Added: Fri 8th Jan 2021
Last Modified: N/A
QID#: 25,775,004

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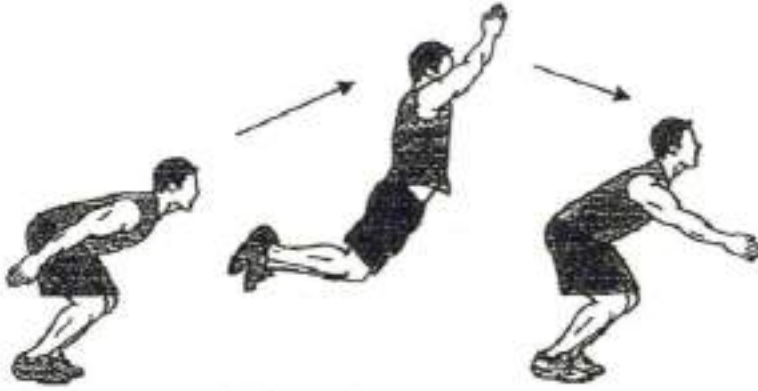
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Question 10

Primary 4 Science » Primary 4 Science (Term 2)

2 pts

After taking a deep breath, Tom did the following action.



Which of the two main systems helped Tom jump?

- ✓ A) Muscular system and Skeletal system
- B) Digestive system and Respiratory system
- C) Digestive system and Circulatory system
- D) Respiratory system and Circulatory system

Question Type: Multiple Choice
Randomize Answers: No
Date Added: Fri 8th Jan 2021
Last Modified: N/A
QID#: 25,775,009

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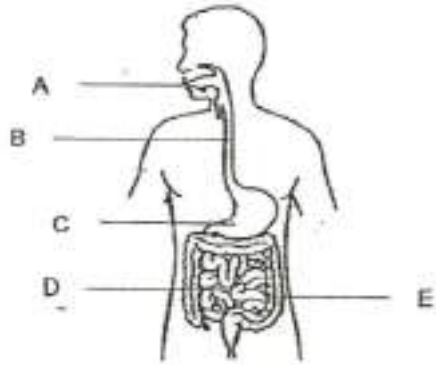
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Question 11

Primary 4 Science » Primary 4 Science (Term 2)

2 pts

The diagram below shows the digestive system with parts labelled A, B, C, D and E.



In which parts of the body does digestion start and end?

	Start	End
(1)	A	D
(2)	B	D
(3)	C	E
(4)	A	E

- ✓ A) 1
 B) 2
 C) 3
 D) 4

Question Type: Multiple Choice
Randomize Answers: No
Date Added: Fri 8th Jan 2021
Last Modified: N/A
QID#: 25,775,012

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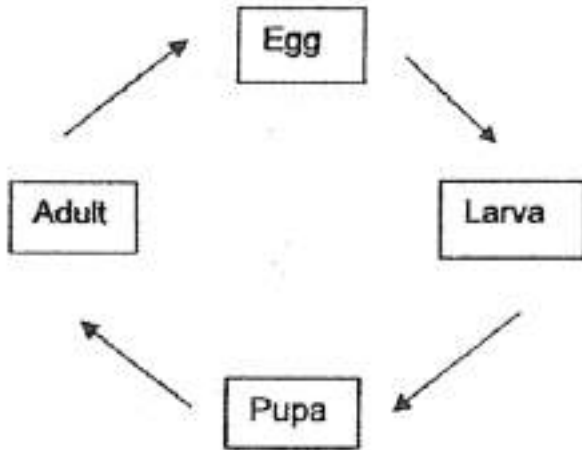
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Question 12

Primary 4 Science » Primary 4 Science (Term 2)

2 pts

The diagram below shows the life cycle of an animal.



Which animals have the life cycle shown above?

- A) Butterfly and frog
- B) Cockroach and mosquito
- C) Grasshopper and butterfly
- ✓ D) Beetle and mosquito

Question Type: Multiple Choice
Randomize Answers: No
Date Added: Fri 8th Jan 2021
Last Modified: N/A
QID#: 25,775,016

[Answers](#) | [Edit](#) | [Duplicate](#) | [Used In](#) | [Reorder](#)

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Question 13

Primary 4 Science » Primary 4 Science (Term 2)

2 pts

Study the picture of a plant below.



Which of the following parts of the plant matches its functions?

	A	B	C	D
(1)	Exchange gases	Become a fruit	Absorbs water for the plant	Anchor the plant to the soil
(2)	Make food	Beautify the garden	Anchor the plant to the soil	Support the leaves and stem
(3)	Make food	Become a fruit	Supports the plant	Anchor the plant to the soil
(4)	Exchange gases	Beautify the garden	Anchor the plant to the soil	Anchor the plant to the soil

- A) 1
 B) 2
 ✓ C) 3
 D) 4

Question Type: Multiple Choice
 Randomize Answers: No
 Date Added: Fri 8th Jan 2021
 Last Modified: N/A
 QID#: 25,775,019

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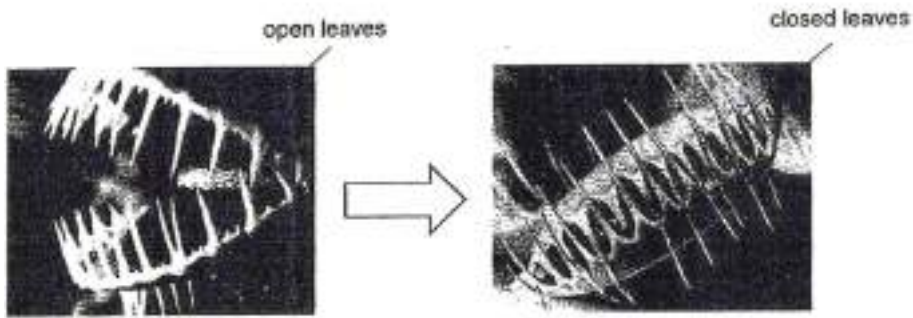
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Question 14

Primary 4 Science » Primary 4 Science (Term 2)

2 pts

The Venus flytrap below only closes its leaves when an insect lands inside it.



This shows that the Venus flytrap is a living thing because _____.

- A) it can grow
- B) it can move
- C) it can trick insects
- ✓ D) it can respond to changes

Question Type: Multiple Choice
 Randomize Answers: No
 Date Added: Fri 8th Jan 2021
 Last Modified: N/A
 QID#: 25,775,026

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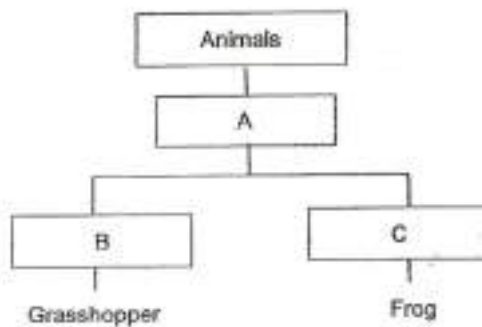
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Question 15

Primary 4 Science » Primary 4 Science (Term 2)

2 pts

The classification table below shows 2 animals grouped based on their characteristics.



Which one of the following gives the correct sub-heading of A, B, C ?

	A	B	C
(1)	Animals that lay eggs	Lives on land	Lives in water
(2)	Animals that can fly	Animals which lay eggs	Animals that give birth to their young alive
(3)	Lives on land	3-stage Life Cycle	4-stage Life Cycle
(4)	3-stage Life Cycle	Moult	Does not moult

- A) 1
- B) 2
- C) 3
- ✓ D) 4

Question Type: Multiple Choice
Randomize Answers: No
Date Added: Fri 8th Jan 2021
Last Modified: N/A
QID#: 25,775,028

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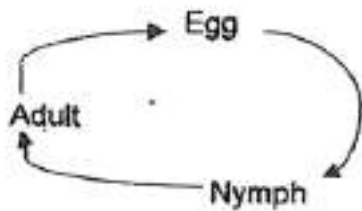
Question 16

Primary 4 Science » Primary 4 Science (Term 2)

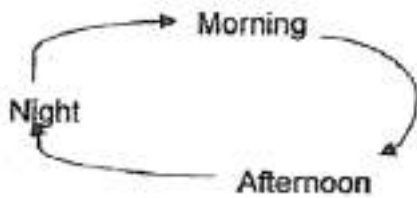
2 pts

Study the diagrams below. Which one of the following does not represent a life cycle?

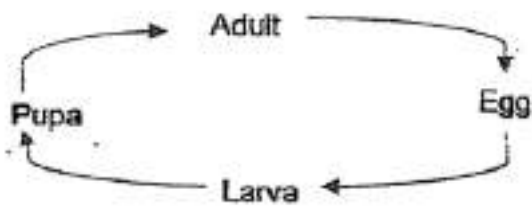
A)



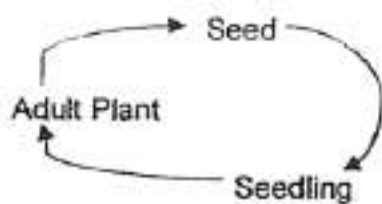
✓ B)



C)



D)



Question Type: Multiple Choice

Randomize Answers: No
Date Added: Fri 8th Jan 2021
Last Modified: N/A
QID#: 25,775,034

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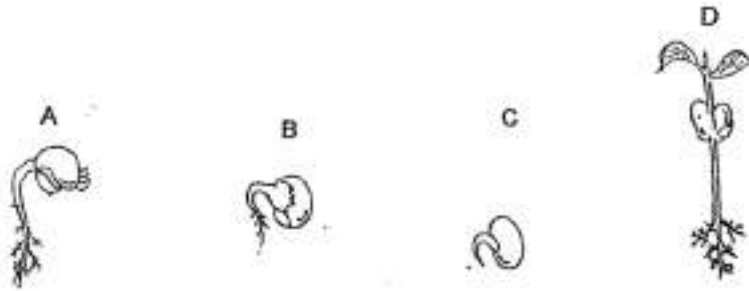
[Remove From Test](#)

Question 17

Primary 4 Science » Primary 4 Science (Term 2)

2 pts

The diagram below shows parts of the growth of a green bean.



At which part of its growth (A, B, C or D) will it be able to make its own food?

- ✓ A) D only
B) A and B only
C) B and C only
D) All of the above

Question Type: Multiple Choice
Randomize Answers: No
Date Added: Fri 8th Jan 2021
Last Modified: N/A
QID#: 25,775,291

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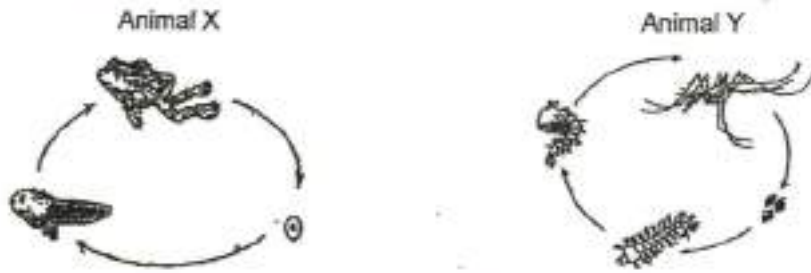
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Question 18

Primary 4 Science » Primary 4 Science (Term 2)

2 pts

The diagrams below show the life cycles of two animals, X and Y.



Which of the following statement(s) correctly state(s) the similarity between the life cycle of Animal X and Y?

- A Both animals lay their eggs in water.
- B The young of both animals lives in water.
- C The young of both animals does not look like the adult.
- D Both animals spend part of their life cycle on land and in water.

- A) A and B only
- B) B and C only
- C) A, B and C only
- ✓ D) All of the above

Question Type: Multiple Choice
 Randomize Answers: No
 Date Added: Fri 8th Jan 2021
 Last Modified: N/A
 QID#: 25,775,294

[Answers](#) | [Edit](#) | [Duplicate](#) | [Used In](#) | [Reorder](#)

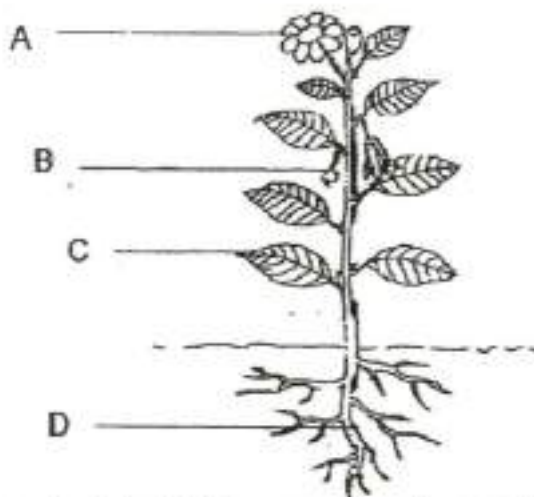
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Question 19

Primary 4 Science » Primary 4 Science (Term 2)

2 pts

Study the diagram below. 4 plant parts are labelled A, B, C and D.



Which part enables the plant to carry out exchange of gases?

- A) A
- B) B
- ✓ C) C
- D) D

Question Type: Multiple Choice
Randomize Answers: No
Date Added: Fri 8th Jan 2021
Last Modified: N/A
QID#: 25,775,296

[↗ Answers](#) | [✎ Edit](#) | [📄 Duplicate](#) | [📌 Used In](#) | [⬇ Reorder](#)

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Question 20

Primary 4 Science » Primary 4 Science (Term 2)

2 pts

Ali carried out an experiment as shown in the diagram below. The volume of the ball is 300 cm^3 . Then, he pumped an additional of 50 cm^3 of air into the ball using a hand pump. The size of the ball remained the same.



Which of the following is correct?

	Mass of the ball	Volume of the ball
(1)	Increase	Remained the same
(2)	Decrease	Decrease
(3)	Increase	Decrease
(4)	Remained the same	Increase

- ✓ A) 1
- B) 2
- C) 3
- D) 4

Question Type: Multiple Choice
Randomize Answers: No
Date Added: Fri 8th Jan 2021
Last Modified: N/A
QID#: 25,775,299

[↗ Answers](#) | [✎ Edit](#) | [📄 Duplicate](#) | [📌 Used In](#) | [⬇ Reorder](#)

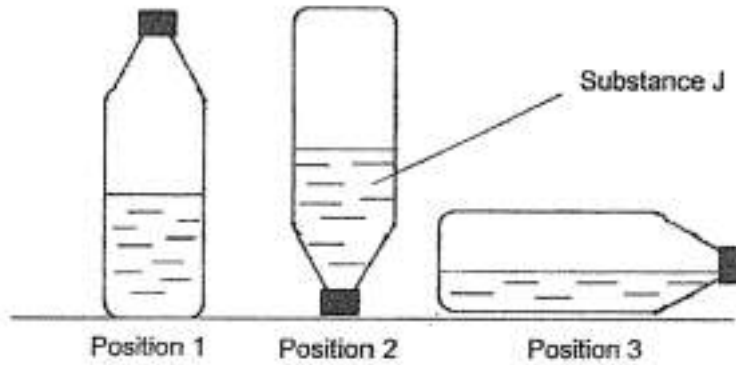
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Question 21

Primary 4 Science » Primary 4 Science (Term 2)

2 pts

A bottle was filled with substance J and placed in 3 different positions. The diagram below shows the water level at the respective positions.



Based on this experiment, what can you conclude about substance J?

- A It does not have mass.
 B It has no definite shape.
 C It does not have a definite volume.
 A) B only
 B) A and B only
 C) B and C only
 D) A, B and C

Question Type: Multiple Choice
Randomize Answers: No
Date Added: Fri 8th Jan 2021
Last Modified: N/A
QID#: 25,775,305

[Answers](#) | [Edit](#) | [Duplicate](#) | [Used In](#) | [Reorder](#)

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Question 22

Primary 4 Science » Primary 4 Science (Term 2)

2 pts

Joseph carried out an experiment in the Science lab to find out how the amount of water given to red beans affects their growth. He watered the twenty beans daily and recorded the height of the seedlings after three weeks in the table below.

Amount of water given daily (ml)	Height after 3 weeks (cm)
6	4
8	6
10	7
12	9

Based on the results in the table above, Joseph can conclude that the height of the seedling is dependent on the _____.

- A) location of the experiment

- B) number of beans used initially
- ✓ C) amount of water give to the beans
- D) the type of bean used in the experiment

Question Type: Multiple Choice
Randomize Answers: No
Date Added: Fri 8th Jan 2021
Last Modified: N/A
QID#: 25,775,308

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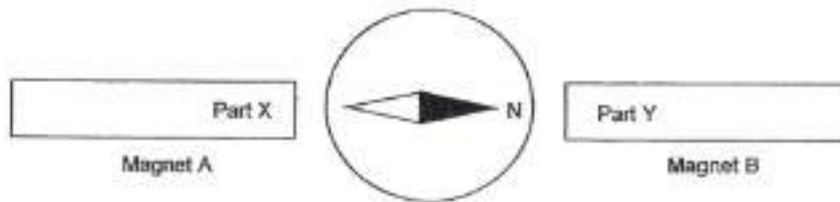
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Question 23

Primary 4 Science » Primary 4 Science (Term 2)

2 pts

The diagram below shows a compass placed between two strong bar magnets, A and B.



Which of the following options correctly shows the label on the poles of the two bar magnets?

	Part X	Part Y
(1)	North	North
(2)	South	South
(3)	North	South
(4)	South	North

- A) 1
- B) 2
- ✓ C) 3
- D) 4

Question Type: Multiple Choice
Randomize Answers: No
Date Added: Fri 8th Jan 2021
Last Modified: N/A
QID#: 25,775,309

[Answers](#) |
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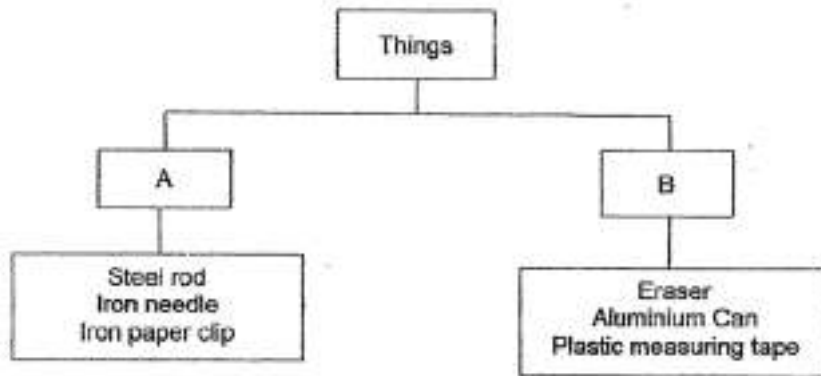
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Question 24

Primary 4 Science » Primary 4 Science (Term 2)

2 pts

Study the classification table below of things made of different materials.



Which of the following options correctly represents A and B?

	A	B
(1)	Non-metal	Metal
(2)	Magnetic	Non-magnetic
(3)	Have definite shape	Do not have definite shape
(4)	Have definite volume	Do not have definite volume

- A) 1
 ✓ B) 2
 C) 3
 D) 4

Question Type: Multiple Choice
Randomize Answers: No
Date Added: Fri 8th Jan 2021
Last Modified: N/A
QID#: 25,775,312

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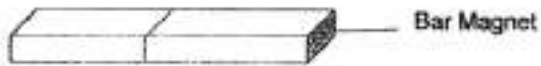
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Question 25

Primary 4 Science » Primary 4 Science (Term 2)

2 pts

Zaid conducted an experiment to find out the magnetic strength at different parts (W, X, Y, and Z) of the bar magnet.



He placed the bar magnet into a bowl of iron nails and counted the number of nails attracted at parts W, X, Y and Z. He recorded the number of paper clips attracted to each of the parts in the table below.

Parts of the magnet	Number of paper clips attracted
W	14
X	1
Y	5
Z	16

Based on the results in the table above, which parts are most likely to be at the two poles of the magnet?

- A) W and X
- B) X and Y
- C) Y and Z
- ✓ D) W and Z

Question Type: Multiple Choice
Randomize Answers: No
Date Added: Fri 8th Jan 2021
Last Modified: N/A
QID#: 25,775,315

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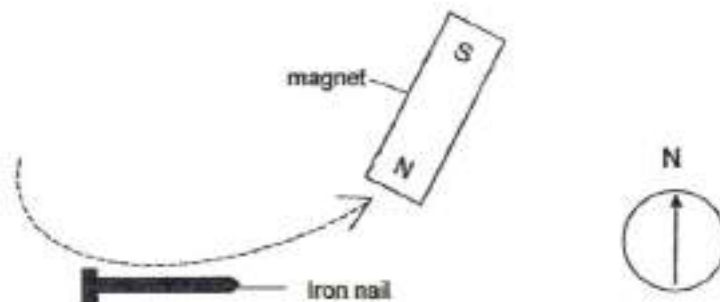
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Question 26

Primary 4 Science » Primary 4 Science (Term 2)

2 pts

An iron nail is made into a temporary magnet by the stroke method as shown below.



The nail is then placed near a compass. Which of the following correctly shows the direction the compass needle will point to?

- A)



✓ B)



C)



D)



Question Type: Multiple Choice
Randomize Answers: No
Date Added: Fri 8th Jan 2021
Last Modified: N/A
QID#: 25,775,322

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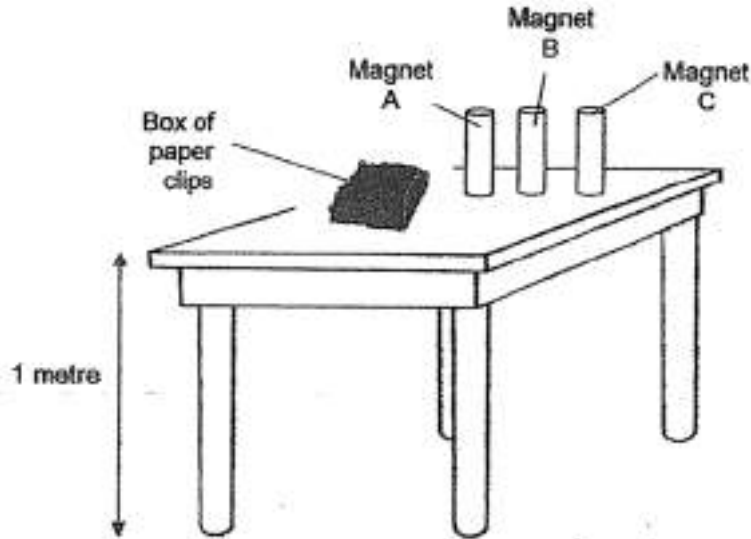
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Question 27

Primary 4 Science » Primary 4 Science (Term 2)

2 pts

Thomas conducted an experiment with 3 magnets, A, B and C.



He placed each magnet into a box of paper clips and recorded the number of paper clips attracted to it. He then dropped each of the magnets 5 times from a table of height 1 metre. After which, he tested the number of paperclips attracted by each magnet again and recorded the results in the table below.

Number of paper clips attracted	Magnet A	Magnet B	Magnet C
Before dropping	8	10	16
After dropping	3	4	8

What can Thomas conclude based on the results?

- A) Magnet C is the weakest magnet
- B) Magnet B is the strongest magnet
- C) Dropping magnets has no effect on their magnetism
- ✓ D) Magnets lose some of their magnetism after being dropped

Question Type: Multiple Choice
 Randomize Answers: No
 Date Added: Fri 8th Jan 2021
 Last Modified: N/A
 QID#: 25,775,331

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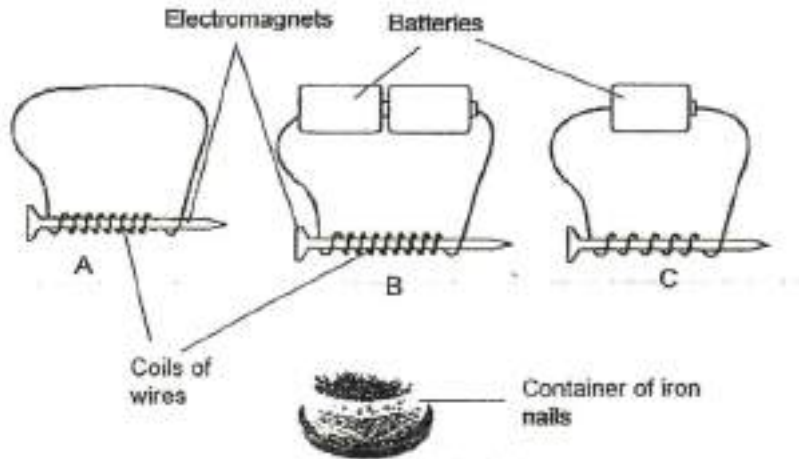
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Question 28

Primary 4 Science » Primary 4 Science (Term 2)

2 pts

Dayne wanted to find out if the number of batteries in a closed circuit affects the strength of electromagnets. He made 3 electromagnets, A, B and C, using different number of coils as shown below. When he placed the electromagnets near a container of nails, electromagnet C attracted 8 iron nails.



Which of the following options shows the most likely observation Dayne would have made for electromagnet A and B?

Number of iron nails attracted by:		
	Electromagnet A	Electromagnet B
(1)	0	8
(2)	3	7
(3)	8	4
(4)	0	12

- A) 1
 B) 2
 C) 3
 ✓ D) 4

Question Type: Multiple Choice
Randomize Answers: No
Date Added: Fri 8th Jan 2021
Last Modified: N/A
QID#: 25,775,337

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Question 29

Primary 4 Science » Primary 4 Science (Term 2)

0 pts

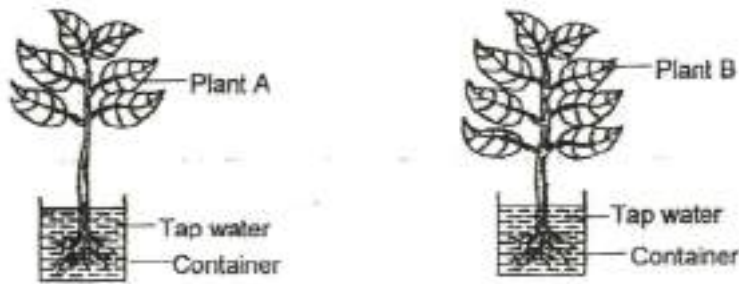
Booklet B

This section is designed for extended answers that parent/ teacher will have to assign and guide child to attempt after the test has been completed.

Grading: This question type is not graded on this system and will not affect the final score as it

was designed in such a way that it requires manual assistance.

Pazel bought 2 identical plants for his experiment. He filled the identical containers with the same amount of tap water. He did something to Plant A before placing it in the container. After 3 days, he made the following observations



Plant	Plant A	Plant B
Volume of water in the container (ml)	280	220

(a) What is the aim of Pazel's experiment?

Question Type: Essay
 Date Added: Fri 8th Jan 2021
 Last Modified: N/A
 QID#: 25,775,343

Correctly answered feedback

To find out if the number of leaves affect amount of water absorbed by the root

Incorrectly answered feedback

To find out if the number of leaves affect amount of water absorbed by the root

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Question 30

Primary 4 Science » Primary 4 Science (Term 2)

0 pts

b) Based on his observation, what can he conclude about the experiment?

Question Type: Essay
 Date Added: Fri 8th Jan 2021
 Last Modified: N/A
 QID#: 25,775,348

Correctly answered feedback

The more leaves the plant has the more water it absorbed

Incorrectly answered feedback

The more leaves the plant has the more water it absorbed

[Answers](#) | [Edit](#) | [Duplicate](#) | [Used In](#) | [Reorder](#)

[Remove From Test](#)

Question 31

Primary 4 Science » Primary 4 Science (Term 2)

0 pts

Other than the variables stated in the question, name another variable that should be kept constant in order for the experiment to be fair.

Question Type: Essay
Date Added: Fri 8th Jan 2021
Last Modified: N/A
QID#: 25,775,354

Correctly answered feedback

Same location

Incorrectly answered feedback

Same location

[Answers](#) | [Edit](#) | [Duplicate](#) | [Used In](#) | [Reorder](#)

[Remove From Test](#)

Question 32

Primary 4 Science » Primary 4 Science (Term 2)

0.5 pts

Study the table below.

Group X	Group Y
Bean plant	Elephant
Orchid	Mushroom
Birds Nest Fern	Kingfisher
Moss	Snake

- (a) Jeff classified some living things into 2 different groups as shown above. Give suitable headings for Groups X and Y. [1]

X: _____

Accepted answers:

✓ plants

Question Type: Free Text
Date Added: Fri 8th Jan 2021
Last Modified: N/A
QID#: 25,775,359

[Answers](#) | [Edit](#) | [Duplicate](#) | [Used In](#) | [Reorder](#)

[Remove From Test](#)

Question 33

Primary 4 Science » Primary 4 Science (Term 2)

0.5 pts

Y: _____

Accepted answers:

✓ not plants

Question Type: Free Text
Date Added: Fri 8th Jan 2021
Last Modified: N/A
QID#: 25,775,367

[Answers](#) | [Edit](#) | [Duplicate](#) | [Used In](#) | [Reorder](#)

[Remove From Test](#)

Question 34

Primary 4 Science » Primary 4 Science (Term 2)

1 pt

Give an example of a living thing that could be placed in group Y.

Accepted answers:

✓ humans

Question Type: Free Text
Date Added: Fri 8th Jan 2021
Last Modified: N/A
QID#: 25,775,369

[Answers](#) | [Edit](#) | [Duplicate](#) | [Used In](#) | [Reorder](#)

[Remove From Test](#)

Question 35

Primary 4 Science » Primary 4 Science (Term 2)

0 pts

Jeff classified the living things based on another characteristic in the table below. Give suitable headings for his classification by writing them in the boxes.

Elephant Kingfisher	Bean plant Orchid Bird's Nest Fern Mushroom Moss Snake

Question Type: Essay
Date Added: Fri 8th Jan 2021
Last Modified: N/A
QID#: 25,775,430

Correctly answered feedback

Have legs	Have no legs
Elephant Kingfisher	Bean Plant Orchid Bird's Nest Fern Mushroom Moss Snake

Incorrectly answered feedback

Have legs	Have no legs
Elephant Kingfisher	Bean Plant Orchid Bird's Nest Fern Mushroom Moss Snake

[Answers](#) |
 [Edit](#) |
 [Duplicate](#) |
 [Used In](#) |
 [Reorder](#)

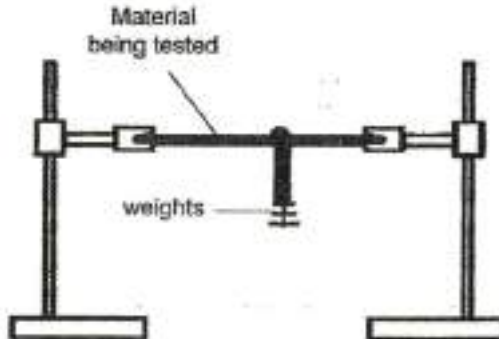
[Remove From Test](#)

Question 36

Primary 4 Science » Primary 4 Science (Term 2)

1 pt

James had 4 different pieces of materials, W, X, Y and Z. They are of the same thickness and size. He wanted to find out which material is most suitable to be made into a shelf for his collection of books. He set up an experiment as shown below.



(a) What property of materials was James testing?

Accepted answers:

✓ strength

Question Type: Free Text
Date Added: Fri 8th Jan 2021
Last Modified: N/A
QID#: 25,775,488

[Answers](#) |
 [Edit](#) |
 [Duplicate](#) |
 [Used In](#) |
 [Reorder](#)

[Remove From Test](#)

Question 37

Primary 4 Science » Primary 4 Science (Term 2)

0 pts

He kept adding weights on the material until it broke and recorded his findings in the table below.

Material	W	X	Y	Z
Weights added before it broke (kg)	0	2	15	25

Which material is most suitable to be made into a shelf? Explain your answer based on the findings in the table.

Question Type: Essay
Date Added: Fri 8th Jan 2021
Last Modified: N/A
QID#: 25,775,493

Correctly answered feedback

Z. It held the most weight before it broke.

Incorrectly answered feedback

Z. It held the most weight before it broke.

[Answers](#) | [Edit](#) | [Duplicate](#) | [Used In](#) | [Reorder](#)

[Remove From Test](#)

Question 38

Primary 4 Science » Primary 4 Science (Term 2)

1 pt

Give an example of material Z

Accepted answers:

✓ wood

Question Type: Free Text
Date Added: Fri 8th Jan 2021
Last Modified: N/A
QID#: 25,775,497

[Answers](#) | [Edit](#) | [Duplicate](#) | [Used In](#) | [Reorder](#)

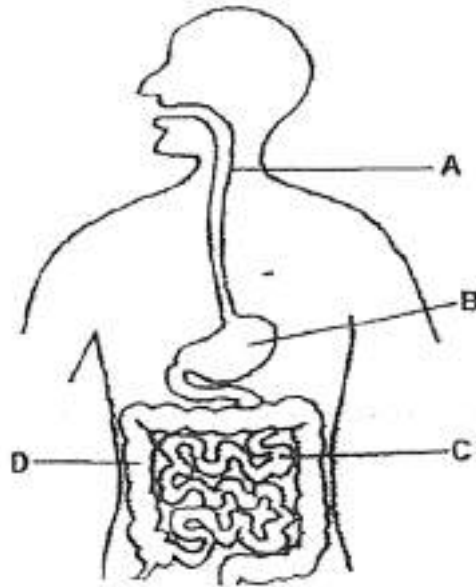
[Remove From Test](#)

Question 39

Primary 4 Science » Primary 4 Science (Term 2)

0.5 pts

The diagram below shows the human digestive system.



(a) Name the following parts:

A: _____

Accepted answers:

✓ gullet

Question Type: Free Text
Date Added: Fri 8th Jan 2021
Last Modified: N/A
QID#: 25,775,500

[Answers](#) | [Edit](#) | [Duplicate](#) | [Used In](#) | [Reorder](#)

[Remove From Test](#)

Question 40

Primary 4 Science » Primary 4 Science (Term 2)

0.5 pts

B: _____

Accepted answers:

✓ stomach

Question Type: Free Text
Date Added: Fri 8th Jan 2021
Last Modified: N/A
QID#: 25,775,507

[Answers](#) | [Edit](#) | [Duplicate](#) | [Used In](#) | [Reorder](#)

[Remove From Test](#)

Question 41

Primary 4 Science » Primary 4 Science (Term 2)

0 pts

What is the function of A?

Question Type: Essay
Date Added: Fri 8th Jan 2021
Last Modified: N/A
QID#: 25,775,512

Correctly answered feedback

To push the food into the stomach

Incorrectly answered feedback

To push the food into the stomach

[Answers](#) | [Edit](#) | [Duplicate](#) | [Used In](#) | [Reorder](#)

[Remove From Test](#)

Question 42

Primary 4 Science » Primary 4 Science (Term 2)

0 pts

State one difference between parts C and D based on their function

Question Type: Essay
Date Added: Fri 8th Jan 2021
Last Modified: N/A
QID#: 25,775,521

Correctly answered feedback

Part C absorbs digested food into the blood stream while Part D absorb water from the undigested food

Incorrectly answered feedback

Part C absorbs digested food into the blood stream while Part D absorb water from the undigested food

[Answers](#) | [Edit](#) | [Duplicate](#) | [Used In](#) | [Reorder](#)

[Remove From Test](#)

Question 43

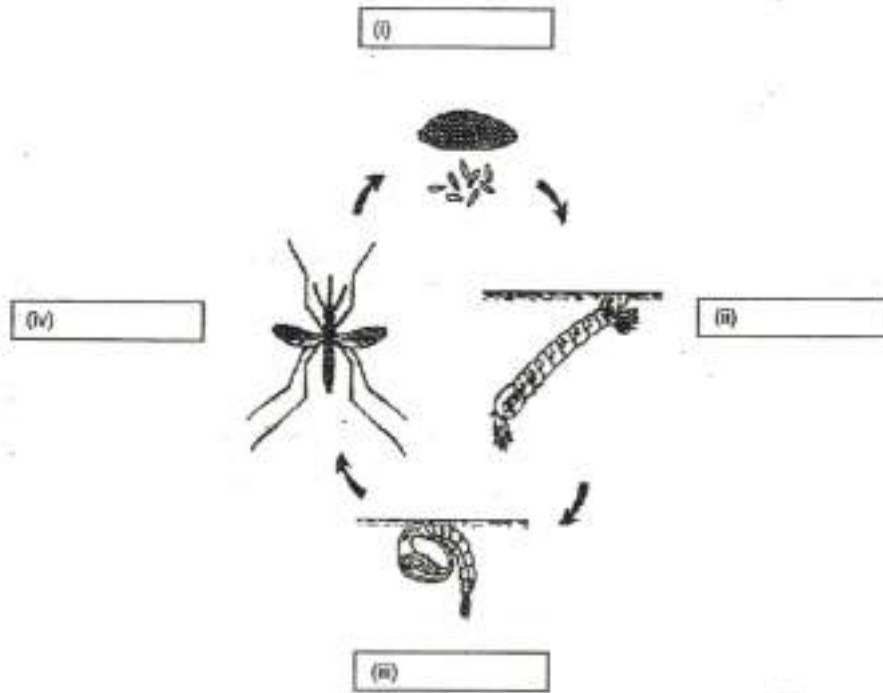
Primary 4 Science » Primary 4 Science (Term 2)

0 pts

The diagram below shows the life cycle of a mosquito.

(a) Name the stages in the boxes provided.

[1]



Question Type: Essay
Date Added: Fri 8th Jan 2021
Last Modified: N/A
QID#: 25,775,532

Correctly answered feedback

(i) Egg (iii) Pupa
 (ii) Larva (iv) Adult

Incorrectly answered feedback

(i) Egg (iii) Pupa
 (ii) Larva (iv) Adult

[Answers](#) | [Edit](#) | [Duplicate](#) | [Used In](#) | [Reorder](#)

[Remove From Test](#)

Question 44

Primary 4 Science » Primary 4 Science (Term 2)

1 pt

At which stage is the mosquito harmful?

Accepted answers:

✓ adult

Question Type: Free Text
Date Added: Fri 8th Jan 2021
Last Modified: N/A
QID#: 25,775,534

[Answers](#) | [Edit](#) | [Duplicate](#) | [Used In](#) | [Reorder](#)

[Remove From Test](#)

Question 45

Primary 4 Science » Primary 4 Science (Term 2)

0 pts

State two ways to prevent mosquitoes from breeding

Question Type: Essay
Date Added: Fri 8th Jan 2021
Last Modified: N/A
QID#: 25,775,538

Correctly answered feedback

Spray oil on the water surface

Incorrectly answered feedback

Spray oil on the water surface

[Answers](#) | [Edit](#) | [Duplicate](#) | [Used In](#) | [Reorder](#)

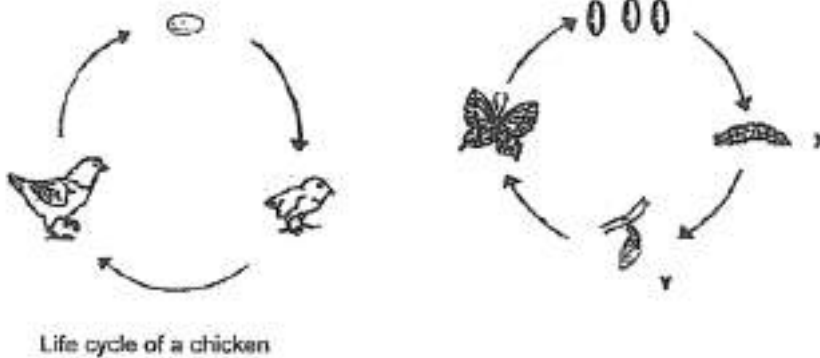
[Remove From Test](#)

Question 46

Primary 4 Science » Primary 4 Science (Term 2)

0 pts

The diagram below shows the life cycles of a chicken and a butterfly.



(a) How is the life cycle of a chicken different from that of a butterfly?

[1]

Question Type: Essay
Date Added: Fri 8th Jan 2021
Last Modified: N/A
QID#: 25,775,545

Correctly answered feedback

The life cycle of a chicken has 3-stages while the life cycle of a butterfly has 4-stages

Incorrectly answered feedback

The life cycle of a chicken has 3-stages while the life cycle of a butterfly has 4-stages

[↗ Answers](#) |
 [✎ Edit](#) |
 [📄 Duplicate](#) |
 [📌 Used In](#) |
 [⬇ Reorder](#)

[Remove From Test](#)

Question 47

Primary 4 Science » Primary 4 Science (Term 2)

0 pts

How is the life cycle of a chicken similar to that of a butterfly?

Question Type: Essay
Date Added: Fri 8th Jan 2021
Last Modified: N/A
QID#: 25,775,549

Correctly answered feedback

They both have an eggs stage

Incorrectly answered feedback

They both have an eggs stage

[↗ Answers](#) |
 [✎ Edit](#) |
 [📄 Duplicate](#) |
 [📌 Used In](#) |
 [⬇ Reorder](#)

[Remove From Test](#)

Question 48

Primary 4 Science » Primary 4 Science (Term 2)

0 pts

State a different between state Y and X in the life cycle of a butterfly

Question Type: Essay
Date Added: Fri 8th Jan 2021
Last Modified: Fri 8th Jan 2021
QID#: 25,775,567

Correctly answered feedback

Stage X eats, while stage Y does not eat

Incorrectly answered feedback

Stage X eats, while stage Y does not eat

[↗ Answers](#) |
 [✎ Edit](#) |
 [📄 Duplicate](#) |
 [📌 Used In](#) |
 [⬇ Reorder](#)

[Remove From Test](#)

Question 49

Primary 4 Science » Primary 4 Science (Term 2)

1 pt

Name another animal that has a similar life cycle as the chicken

Accepted answers:

✓ grasshopper

Question Type: Free Text
Date Added: Fri 8th Jan 2021
Last Modified: N/A
QID#: 25,775,681

[↗ Answers](#) |
 [✎ Edit](#) |
 [📄 Duplicate](#) |
 [📌 Used In](#) |
 [⬇ Reorder](#)

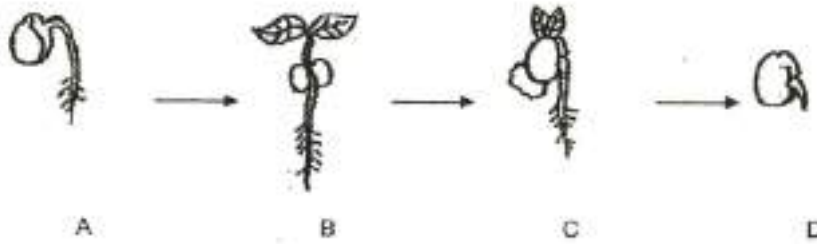
[Remove From Test](#)

Question 50

Primary 4 Science » Primary 4 Science (Term 2)

1 pt

The diagram below shows the growth of a green bean seed. However, it is in the wrong order.



a) State the correct growth order starting with C.

[1]

Accepted answers:

- ✓ C,B,D,A
- ✓ C, B, D, A
- ✓ C, B, D, A
- ✓ C, B, D, A
- ✓ C B D A

Question Type: Free Text
Date Added: Fri 8th Jan 2021
Last Modified: N/A
QID#: 25,775,690

[Answers](#) | [Edit](#) | [Duplicate](#) | [Used In](#) | [Reorder](#)

[Remove From Test](#)

Question 51

Primary 4 Science » Primary 4 Science (Term 2)

0 pts

What will happen to the seed at D if it was planted in a pot of soil and placed in the storeroom where there is no light for a month? Explain your answer

Question Type: Essay
Date Added: Fri 8th Jan 2021
Last Modified: N/A
QID#: 25,775,702

Correctly answered feedback

It will continue to grow until it has leaves, but it will start to die as it has no light to make food

Incorrectly answered feedback

It will continue to grow until it has leaves, but it will start to die as it has no light to make food

[Answers](#) | [Edit](#) | [Duplicate](#) | [Used In](#) | [Reorder](#)

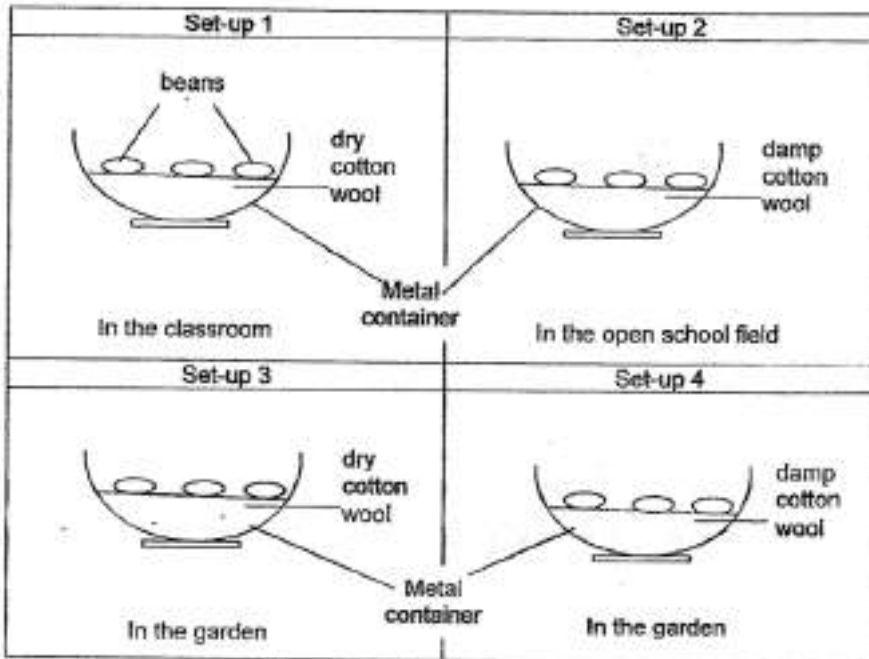
[Remove From Test](#)

Question 52

Primary 4 Science » Primary 4 Science (Term 2)

0 pts

Jack set up an experiment to find out if beans need water to grow into a seedling. He set up his experiment at different locations as shown below.



- (a) Which of the set-up(s) should Jack use for the experiment?
Give a reason for your answer.

Question Type: Essay
Date Added: Fri 8th Jan 2021
Last Modified: N/A
QID#: 25,775,713

Correctly answered feedback

Set-up 3 and 4. The only changed variable is the presence of water,

Incorrectly answered feedback

Set-up 3 and 4. The only changed variable is the presence of water,

[Answers](#) | [Edit](#) | [Duplicate](#) | [Used In](#) | [Reorder](#)

[Remove From Test](#)

Question 53

Primary 4 Science » Primary 4 Science (Term 2)

0 pts

State 2 other variables that Jack has to keep the same to ensure a fair test.

Question Type: Essay
Date Added: Fri 8th Jan 2021
Last Modified: N/A
QID#: 25,775,717

Correctly answered feedback

The same type of beans and the same amount of cotton wool.

Incorrectly answered feedback

The same type of beans and the same amount of cotton wool.

Answers | Edit | Duplicate | Used In | Reorder

Remove From Test

Question 54

Primary 4 Science » Primary 4 Science (Term 2)

0 pts

What are the 3 conditions needed for the beans to grow?

Question Type: Essay
Date Added: Fri 8th Jan 2021
Last Modified: N/A
QID#: 25,775,723

Correctly answered feedback

water, warmth(temperature) and air

Incorrectly answered feedback

water, warmth(temperature) and air

Answers | Edit | Duplicate | Used In | Reorder

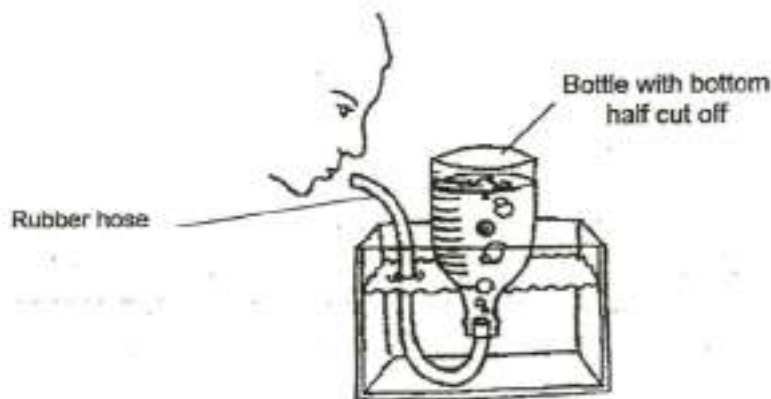
Remove From Test

Question 55

Primary 4 Science » Primary 4 Science (Term 2)

0 pts

Daniel filled a tank with water. He cut the bottom of a plastic bottle and placed it into the tank as shown below. The rubber tube was sealed at the tip of the bottle. Daniel made a marking on the level of the water in the bottle. Then, he gave 5 blows into the tube and bubbles could be seen in the water.



- (a) What will happen to the water level in the bottle after he blew 5 times into the hose? Explain your answer.

Question Type: Essay
Date Added: Fri 8th Jan 2021
Last Modified: N/A
QID#: 25,775,731

Correctly answered feedback

The water level will remain the same. The air bubbles will escape through the bottom of the bottle as it is opened.

Incorrectly answered feedback

The water level will remain the same. The air bubbles will escape through the bottom of the bottle as it is opened.

[Answers](#) | [Edit](#) | [Duplicate](#) | [Used In](#) | [Reorder](#)

[Remove From Test](#)

Question 56

Primary 4 Science » Primary 4 Science (Term 2)

0 pts

Predict what would be observed if the bottle is completely filled with water to the brim and Daniel drops a big stone into the plastic bottle. Explain your prediction

Question Type: Essay
Date Added: Fri 8th Jan 2021
Last Modified: N/A
QID#: 25,775,744

Correctly answered feedback

The water will spill out of the container. As a stone occupies space and water occupies space because the stone is heavier than water so the stone will sink to the bottom. Hence, the water will spill out of the container.

Incorrectly answered feedback

The water will spill out of the container. As a stone occupies space and water occupies space because the stone is heavier than water so the stone will sink to the bottom. Hence, the water will spill out of the container.

[Answers](#) | [Edit](#) | [Duplicate](#) | [Used In](#) | [Reorder](#)

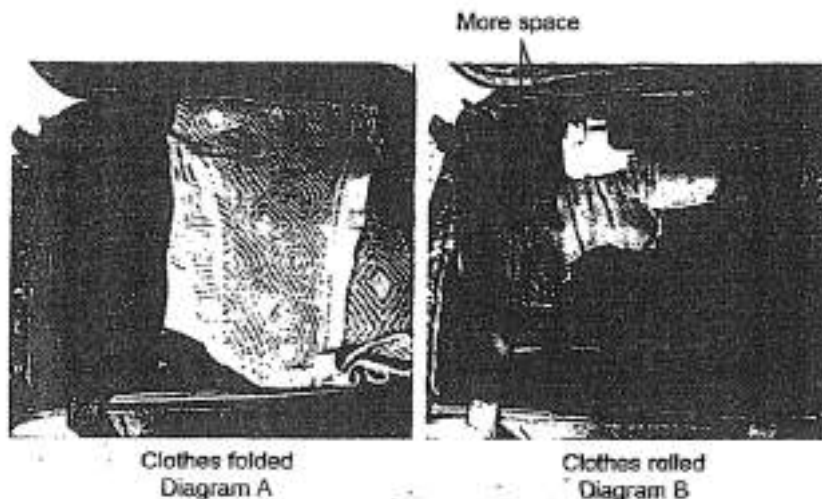
[Remove From Test](#)

Question 57

Primary 4 Science » Primary 4 Science (Term 2)

0 pts

Judy prepared her trolley bag for travel by folding her clothes as shown in Diagram A. However, her mother commented that she should roll the clothes instead of folding them as there will be more space for other things in the bag.



- (a) Give a reason why there was more space in her trolley bag when Judy rolled up her clothes instead of folding them. [1]

Question Type: Essay
Date Added: Fri 8th Jan 2021
Last Modified: N/A

QID#: 25,775,750

Correctly answered feedback

When the clothes are rolled, air trapped in between the clothes is removed. Hence, it take up less space.

Incorrectly answered feedback

When the clothes are rolled, air trapped in between the clothes is removed. Hence, it take up less space.

[Answers](#) | [Edit](#) | [Duplicate](#) | [Used In](#) | [Reorder](#)

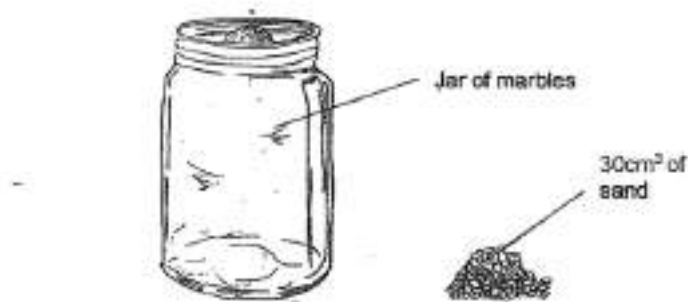
[Remove From Test](#)

Question 58

Primary 4 Science » Primary 4 Science (Term 2)

0 pts

(b) Judy placed some marbles into a jar as shown below.



Explain whether it is possible to pour 30cm³ of sand into the jar.

[2]

Question Type: Essay
Date Added: Fri 8th Jan 2021
Last Modified: N/A
QID#: 25,775,757

Correctly answered feedback

Yes, it is possible. There are air gaps between the marbles and the sand so it can take up its space.

Incorrectly answered feedback

Yes, it is possible. There are air gaps between the marbles and the sand so it can take up its space.

[Answers](#) | [Edit](#) | [Duplicate](#) | [Used In](#) | [Reorder](#)

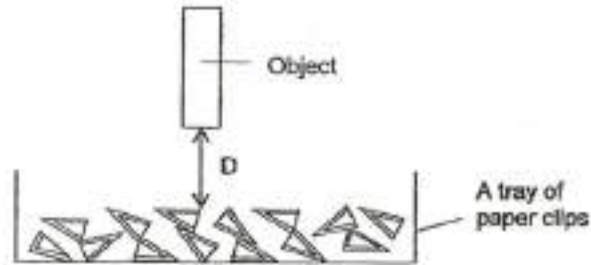
[Remove From Test](#)

Question 59

Primary 4 Science » Primary 4 Science (Term 2)

1 pt

Tom placed objects X, Y and Z at different distance from the tray of paper clips and recorded the number of paper clips attracted in the table below.



Distance D (cm)	Number of paper clips attracted		
	Object X	Object Y	Object Z
1	20	0	10
2	18	0	8
3	15	0	6
4	?	0	2
5	10	0	0

- (a) Predict the number of paper clips attracted when Object X was 4cm from the paper clips. [1]

Accepted answers:

- ✓ 13
- ✓ 13 paper clips

Question Type: Free Text
Date Added: Fri 8th Jan 2021
Last Modified: N/A
QID#: 25,775,763

[Answers](#) | [Edit](#) | [Duplicate](#) | [Used In](#) | [Reorder](#)

[Remove From Test](#)

Question 60

Primary 4 Science » Primary 4 Science (Term 2)

0 pts

What is the relationship between distance D and the number of paper clips attracted by Z?

Question Type: Essay
Date Added: Fri 8th Jan 2021
Last Modified: N/A
QID#: 25,775,770

Correctly answered feedback

As the distance increase, the number of paper clips attracted by Z decreases.

Incorrectly answered feedback

As the distance increase, the number of paper clips attracted by Z decreases.

[Answers](#) | [Edit](#) | [Duplicate](#) | [Used In](#) | [Reorder](#)

[Remove From Test](#)

Question 61

Primary 4 Science » Primary 4 Science (Term 2)

0 pts

Compare the difference in the results for object x and z

Question Type: Essay
Date Added: Fri 8th Jan 2021
Last Modified: N/A
QID#: 25,775,779

Correctly answered feedback

Object X is a stronger magnet than object Z./Object X attracts paper clips is more than Object Z

Incorrectly answered feedback

Object X is a stronger magnet than object Z./Object X attracts paper clips is more than Object Z

[Answers](#) | [Edit](#) | [Duplicate](#) | [Used In](#) | [Reorder](#)

[Remove From Test](#)**Question 62**

Primary 4 Science » Primary 4 Science (Term 2)

0 pts

What can you conclude about Object Y? Explain your answer.

Question Type: Essay
Date Added: Fri 8th Jan 2021
Last Modified: N/A
QID#: 25,775,784

Correctly answered feedback

Object Y is not a magnet as it does not attract paper clips.

Incorrectly answered feedback

Object Y is not a magnet as it does not attract paper clips.

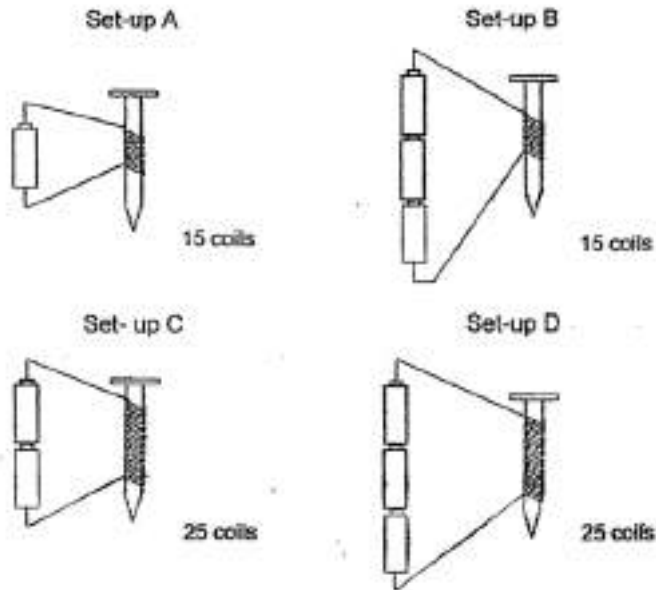
[Answers](#) | [Edit](#) | [Duplicate](#) | [Used In](#) | [Reorder](#)

[Remove From Test](#)**Question 63**

Primary 4 Science » Primary 4 Science (Term 2)

1 pt

Lucy wanted to carry out an experiment to find out if the number of turns of coils of wire around an iron nail would affect the strength of an electromagnet.



(a) Which two set-ups shown above should she use to conduct a fair test?

- A) Set-up A
- ✓ B) Set-up B
- C) Set-up C
- ✓ D) Set-up D

Question Type: Multiple Response
Randomize Answers: No
Grade style: Full points if all answers are correct
Date Added: Fri 8th Jan 2021
Last Modified: N/A
QID#: 25,775,789

Correctly answered feedback

Set-up B and D

[Answers](#) | [Edit](#) | [Duplicate](#) | [Used In](#) | [Reorder](#)

[Remove From Test](#)

Question 64

Primary 4 Science » Primary 4 Science (Term 2)

0 pts

Will the set-up work if Lucy were to use a rubber nail? Explain your answer

Question Type: Essay
Date Added: Fri 8th Jan 2021
Last Modified: N/A
QID#: 25,775,798

Correctly answered feedback

No. The rubber nail is non-magnetic material, hence, the nail cannot become an electro magnet.

Incorrectly answered feedback

No. The rubber nail is non-magnetic material, hence, the nail cannot become an electro magnet.

[Answers](#) | [Edit](#) | [Duplicate](#) | [Used In](#) | [Reorder](#)

[Remove From Test](#)

Question 65

Primary 4 Science » Primary 4 Science (Term 2)

0 pts

What would be the changed variable if Lucy were to use Set-up A and B to test the strength of the electromagnet?

Question Type: Essay
Date Added: Fri 8th Jan 2021
Last Modified: N/A
QID#: 25,775,810

Correctly answered feedback

The number of batteries affect the strength of electro-magnet

Incorrectly answered feedback

The number of batteries affect the strength of electro-magnet

[Answers](#) | [Edit](#) | [Duplicate](#) | [Used In](#) | [Reorder](#)

[Remove From Test](#)

Question 66

Primary 4 Science » Primary 4 Science (Term 2)

0 pts

Suggest another way to increase the strength of the electromagnet

Question Type: Essay
Date Added: Fri 8th Jan 2021
Last Modified: N/A
QID#: 25,775,814

Correctly answered feedback

Use more betteries

Incorrectly answered feedback

Use more betteries

[Answers](#) | [Edit](#) | [Duplicate](#) | [Used In](#) | [Reorder](#)

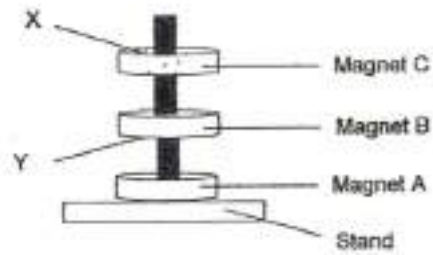
[Remove From Test](#)

Question 67

Primary 4 Science » Primary 4 Science (Term 2)

0.5 pts

Sam placed 3 rings on a stand as shown below. Magnet B is floating between Magnet A and C.



[1]

(a) What are the poles of X and Y.

X: _____

Accepted answers:

✓ south

Question Type: Free Text
Date Added: Fri 8th Jan 2021
Last Modified: Fri 8th Jan 2021
QID#: 25,775,820

[Answers](#) | [Edit](#) | [Duplicate](#) | [Used In](#) | [Reorder](#)

[Remove From Test](#)

Question 68

Primary 4 Science » Primary 4 Science (Term 2)

0.5 pts

Y: _____

Accepted answers:

✓ south

Question Type: Free Text
Date Added: Fri 8th Jan 2021
Last Modified: N/A
QID#: 25,775,823

[Answers](#) | [Edit](#) | [Duplicate](#) | [Used In](#) | [Reorder](#)

[Remove From Test](#)

Question 69

Primary 4 Science » Primary 4 Science (Term 2)

0 pts

Explain why the magnet B is floating in the middle

Question Type: Essay
Date Added: Fri 8th Jan 2021
Last Modified: N/A
QID#: 25,775,832

Correctly answered feedback

The like poles of the magnets are facing each other and thus they repel each other.

Incorrectly answered feedback

The like poles of the magnets are facing each other and thus they repel each other.

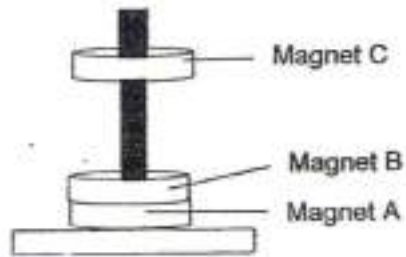
[Answers](#) | [Edit](#) | [Duplicate](#) | [Used In](#) | [Reorder](#)

[Remove From Test](#)

Question 70

Primary 4 Science » Primary 4 Science (Term 2)

0 pts



What must be done to the magnets on the stand so that they are as shown above ?

Question Type: Essay
Date Added: Fri 8th Jan 2021
Last Modified: N/A
QID#: 25,775,835

Correctly answered feedback

Flip magnet A

Incorrectly answered feedback

Flip magnet A

[Answers](#) | [Edit](#) | [Duplicate](#) | [Used In](#) | [Reorder](#)

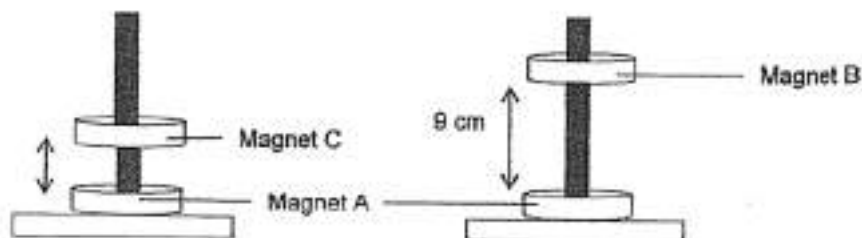
[Remove From Test](#)

Question 71

Primary 4 Science » Primary 4 Science (Term 2)

0 pts

The diagram below shows what happened when Magnet B and C were placed above Magnet A.



Explain why Magnet B and C are floating at different distances from Magnet A. [1]

Question Type: Essay
Date Added: Fri 8th Jan 2021

Last Modified: N/A
QID#: 25,775,836

Correctly answered feedback

Magnet B has stronger magnet than magnet C

Incorrectly answered feedback

Magnet B has stronger magnet than magnet C

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