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Primary 4 - Term 2 (SA1) Science (Catholic High) ✓

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Test Introduction

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52 Questions (56 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 (24 x 2 marks)

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

Jenny bought a pet dog last year. She observed that it has the following characteristics.

- A: It eats meat
- B: It has hair on its body
- C: It barked when Jenny stepped on its tail
- D: It gave birth to a litter of puppies last month

Which of the above characteristics show that her dog is a living thing?

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

Question Type: Multiple Choice
Randomize Answers: No
Date Added: Thu 7th Jan 2021
Last Modified: N/A
QID#: 25,755,456

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

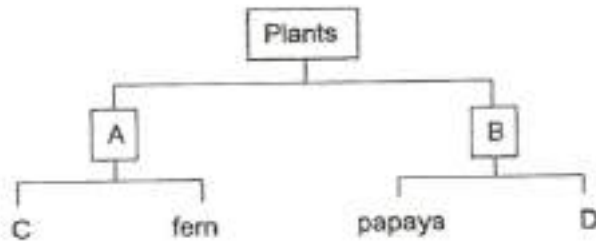
[Remove From Test](#)

Question 2

Primary 4 Science » Primary 4 Science (Term 2)

2 pts

Study the chart below.



Which of the following correctly represents A, B, C and D?

	A	B	C	D
(1)	flowering	non-flowering	moss	mango
(2)	flowering	non-flowering	mushroom	orchid
(3)	non-flowering	flowering	mushroom	hibiscus
(4)	non-flowering	flowering	moss	rambutan

- A) 1
 B) 2
 C) 3
 ✓ D) 4

Question Type: Multiple Choice
 Randomize Answers: No
 Date Added: Thu 7th Jan 2021
 Last Modified: N/A
 QID#: 25,755,465

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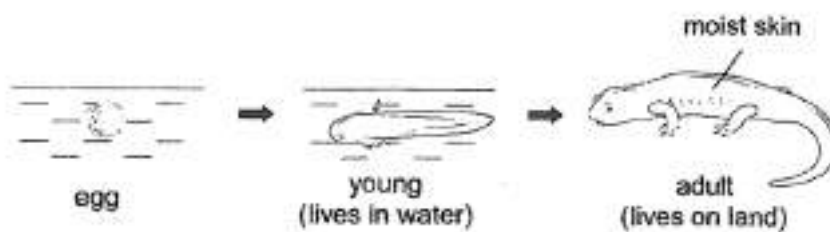
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Question 3

Primary 4 Science » Primary 4 Science (Term 2)

2 pts

The diagram below shows how animal S grows.



Which group of animals does animal S belong to?

- A) fish
 B) reptile
 C) mammal
 ✓ D) amphibian

Question Type: Multiple Choice
Randomize Answers: No
Date Added: Thu 7th Jan 2021
Last Modified: N/A
QID#: 25,756,047

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Question 4

Primary 4 Science » Primary 4 Science (Term 2)

2 pts

Bruce discovered a living thing in his garden and described it as follows

- It lives on tree trunks
- It reproduces by spores
- It feeds on other living things
- It prefers a shady and moist environment

Which of the following living things did Bruce discover?

A)



bacteria

✓ B)



fungi

C)



fern

D)



bread mould

Question Type: Multiple Choice
Randomize Answers: No
Date Added: Thu 7th Jan 2021
Last Modified: N/A
QID#: 25,756,071

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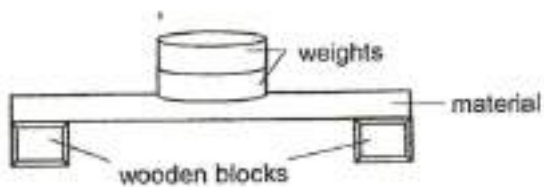
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Question 5

Primary 4 Science » Primary 4 Science (Term 2)

2 pts

Four materials W, X, Y and Z were tested for their strength. Different number of weights were placed on each material till it broke.



Material	Number of weights added till the material broke
W	5
X	8
Y	1
Z	3

Which of the following must be kept the same to ensure a fair test?

- A size of materials
- B thickness of materials
- C smoothness of weights
- D colour of wooden blocks

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

Question Type: Multiple Choice
Randomize Answers: No
Date Added: Thu 7th Jan 2021
Last Modified: N/A
QID#: 25,756,081

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

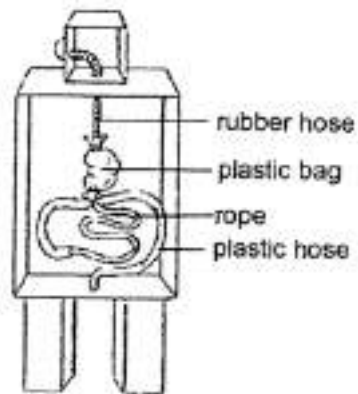
[Remove From Test](#)

Question 6

Primary 4 Science » Primary 4 Science (Term 2)

2 pts

Ali made a model of one of the human body systems as shown below.



Which part of the human body does the plastic bag represent?

- A) lung
- B) heart
- C) rib cage
- ✓ D) stomach

Question Type: Multiple Choice
Randomize Answers: No
Date Added: Thu 7th Jan 2021
Last Modified: N/A
QID#: 25,756,090

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

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Question 7

Primary 4 Science » Primary 4 Science (Term 2)

2 pts

The diagram below shows an uprooted tree after a thunderstorm.



Why did the uprooted tree die within a week?

- A) The stem was no longer able to hold the tree upright
- B) The leaves of the tree were not able to make food after a week
- C) The branches of the tree were not able to spread out the leaves to trap sunlight
- ✓ D) The roots of the tree were not able to take in water and mineral salts from the soil

Question Type: Multiple Choice
 Randomize Answers: No
 Date Added: Thu 7th Jan 2021
 Last Modified: N/A
 QID#: 25,756,105

[Answers](#) |
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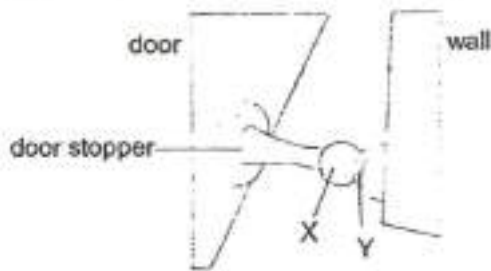
[Remove From Test](#)

Question 8

Primary 4 Science » Primary 4 Science (Term 2)

2 pts

The diagram below shows a magnetic door stopper below.



Which of the following can X and Y be made of so that the door can be kept open?

	X	Y
(1)	steel	iron
(2)	steel	magnet
(3)	copper	aluminium
(4)	magnet	aluminium

- A) 1
- ✓ B) 2

C) 3

D) 4

Question Type: Multiple Choice
Randomize Answers: No
Date Added: Thu 7th Jan 2021
Last Modified: N/A
QID#: 25,756,112

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

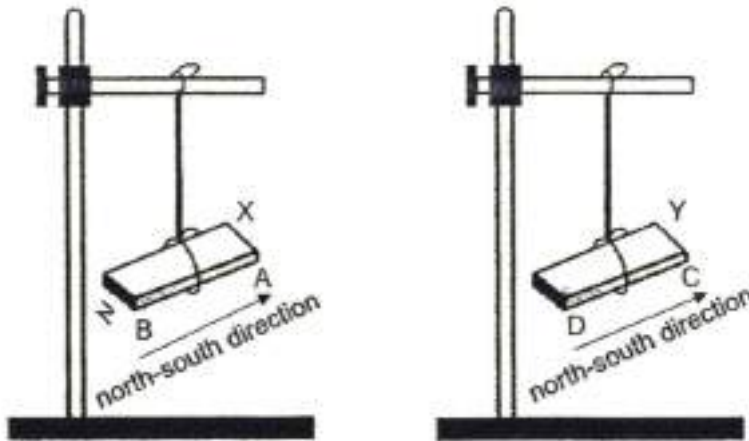
[Remove From Test](#)

Question 9

Primary 4 Science » Primary 4 Science (Term 2)

2 pts

Two different magnets X and Y are freely suspended as shown below. The poles of the magnets are labelled as A, B, C and D.



What will happen when both magnets are brought closer together?

- ✓ A) Poles A and C will repel each other
- B) Poles B and C will repel each other
- C) Poles B and D will attract each other
- D) Poles A and D will not react to each other

Question Type: Multiple Choice
Randomize Answers: No
Date Added: Thu 7th Jan 2021
Last Modified: N/A
QID#: 25,756,124

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

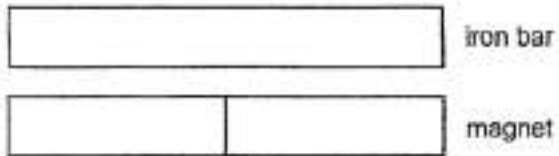
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Question 10

Primary 4 Science » Primary 4 Science (Term 2)

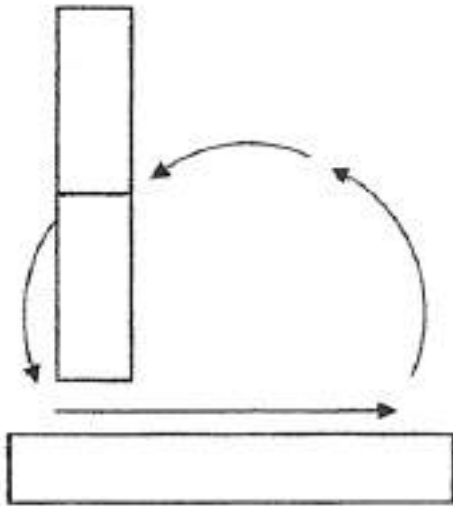
2 pts

Nita has an iron bar and a magnet. She wants to magnetise the iron bar using the stroking method.

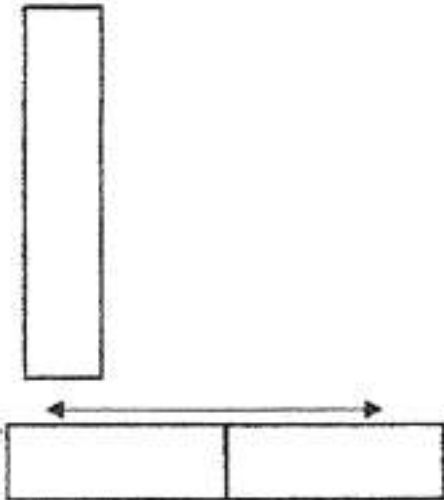


Which one of the following shows the correct stroking method?

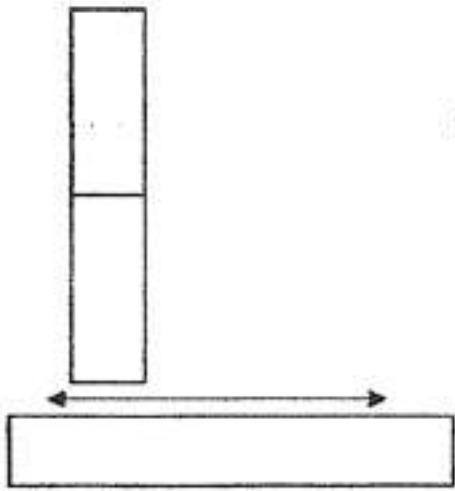
✓ A)



B)

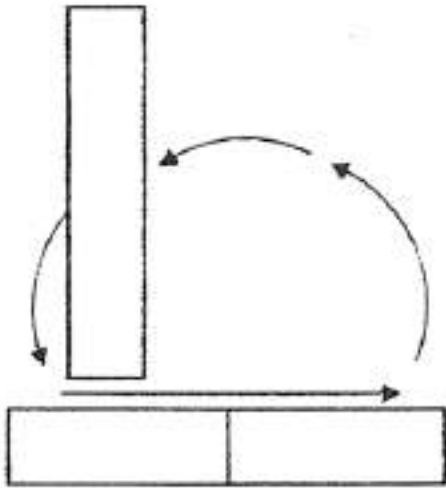


C)



(4)

D)



Question Type: Multiple Choice
Randomize Answers: No
Date Added: Thu 7th Jan 2021
Last Modified: N/A
QID#: 25,756,141

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

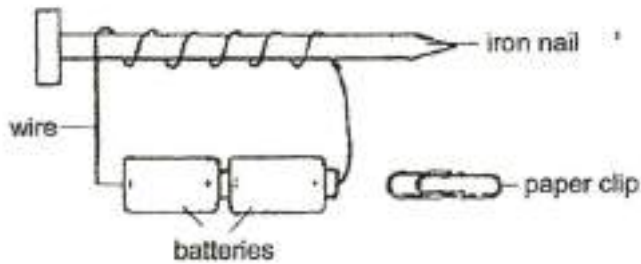
[Remove From Test](#)

Question 11

Primary 4 Science » Primary 4 Science (Term 2)

2 pts

Welling set up the following experiment.



She tried to use the iron nail to pick up the paper clip but was unable to do so. Why was the iron nail not able to attract the paper clip?

- A) There was only one nail in the set-up
- B) The iron nail was not a magnetic material
- C) The batteries were connect4ed in the wrong direction
- ✓ D) The paper clip was made of a non-magnetic material

Question Type: Multiple Choice
Randomize Answers: No
Date Added: Thu 7th Jan 2021
Last Modified: N/A
QID#: 25,756,149

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

[Remove From Test](#)

Question 12

Primary 4 Science » Primary 4 Science (Term 2)

2 pts

Andrea made some statements about the differences between a grasshopper nymph and an adult grasshopper. Which of the following statements are correct?

- A A grasshopper nymph is bigger than an adult grasshopper
- B A grasshopper nymph cannot reproduce but an adult grasshopper can reproduce
- C A grasshopper nymph does not have wings but an adult grasshopper has wings
- D A grasshopper nymph does not feed at all but an adult grasshopper feeds on leaves

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

Question Type: Multiple Choice
Randomize Answers: No
Date Added: Thu 7th Jan 2021
Last Modified: N/A
QID#: 25,756,173

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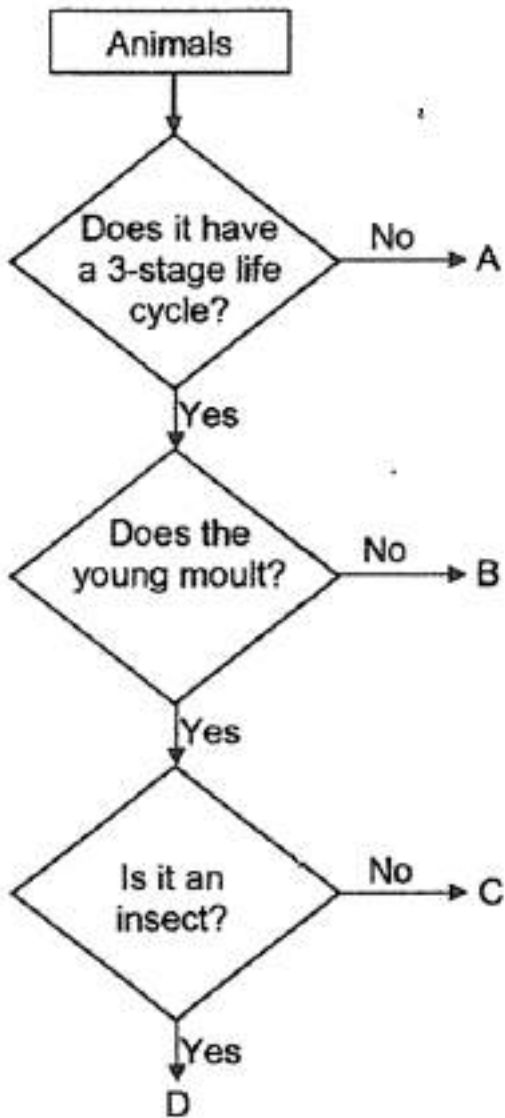
[Remove From Test](#)

Question 13

Primary 4 Science » Primary 4 Science (Term 2)

2 pts

Study the chart below.



Which letter represents the cockroach?

- A) A
- B) B
- C) C
- ✓ D) D

Question Type: Multiple Choice
Randomize Answers: No
Date Added: Thu 7th Jan 2021
Last Modified: N/A
QID#: 25,756,176

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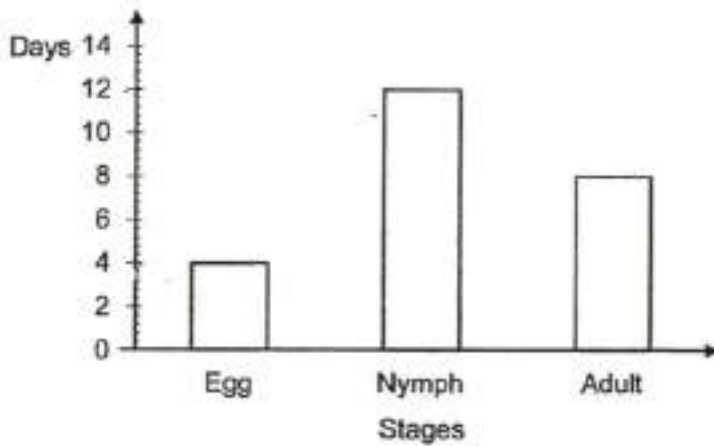
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Question 14

Primary 4 Science » Primary 4 Science (Term 2)

2 pts

The graph below shows the number of days in each stage of the life cycle of an insect which lives in the water.



Which of the following information obtained from the graph is correct?

- A) The insects lifespan is less than 3 weeks
- B) The insect takes 8 days to become a nymph
- ✓ C) The insect lives in the water for 12 days as a nymph
- D) It takes 24 days to become an adult after the egg is hatched

Question Type: Multiple Choice
Randomize Answers: No
Date Added: Thu 7th Jan 2021
Last Modified: N/A
QID#: 25,756,189

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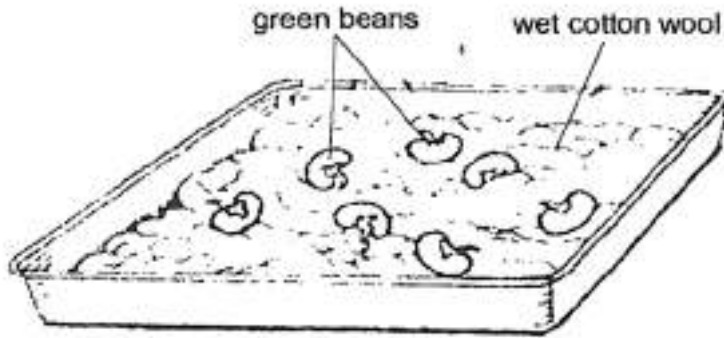
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Question 15

Primary 4 Science » Primary 4 Science (Term 2)

2 pts

Wei Ming placed some beans in a tray and observed the growth.



He recorded his observations below.

- A Two green leaves appear.
- B A tiny shoot grows upwards.
- C Seed leaves dry and drop off.
- D The bean absorbs water and swells up.
- E A root grows downwards towards the presence of water.

Which of the following shows the correct order of growth?

- A) A → B → E → C → D
- B) B → A → C → D → E
- C) C → B → E → D → A
- ✓ D) D → E → B → A → C

Question Type: Multiple Choice
 Randomize Answers: No
 Date Added: Thu 7th Jan 2021
 Last Modified: N/A
 QID#: 25,756,200

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

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Question 16

Primary 4 Science » Primary 4 Science (Term 2)

2 pts

Mike wanted to find out if the growth of bean seeds will be affected by temperature. He placed the same number of bean seeds in different containers with moist cotton wool. He then placed the containers at locations with different temperatures. After 3 days, he counted the number of seeds that grew and recorded his results as shown below.

Temperature (°C)	Number of seeds grown
10	0
20	7
35	16
40	9

What could Mike conclude from the table above?

- A) Beans seeds could not grow above 30°C
- B) Beans seeds not grow at any temperature
- ✓ C) The best temperature for beans seeds to grow was 35°C
- D) Number of seeds grown increased as temperature increased

Question Type: Multiple Choice
Randomize Answers: No
Date Added: Thu 7th Jan 2021
Last Modified: N/A
QID#: 25,756,217

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

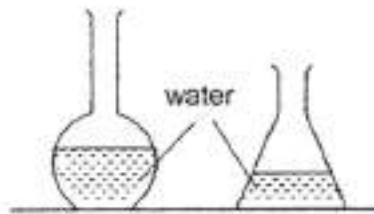
[Remove From Test](#)

Question 17

Primary 4 Science » Primary 4 Science (Term 2)

2 pts

Raj poured 200 ml of water into each container as shown below.



Raj concluded that water does not _____.

- A) occupy space
- B) have a definite mass
- ✓ C) have a definite shape
- D) have a definite volume

Question Type: Multiple Choice
Randomize Answers: No
Date Added: Thu 7th Jan 2021
Last Modified: N/A
QID#: 25,756,234

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

[Remove From Test](#)

Question 18

Primary 4 Science » Primary 4 Science (Term 2)

2 pts

Study the table below.

	Has a fixed volume
Has a fixed shape	X
Has no fixed shape	Y

Which of the following represents X and Y in the table above?

- A air
- B ice
- C heat
- D water

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

Question Type: Multiple Choice
Randomize Answers: No
Date Added: Thu 7th Jan 2021
Last Modified: N/A
QID#: 25,756,242

[Answers](#) |
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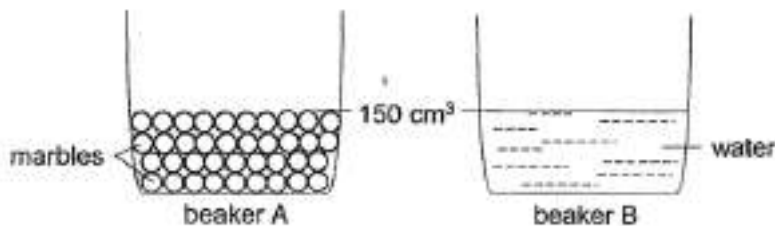
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Question 19

Primary 4 Science » Primary 4 Science (Term 2)

2 pts

Two similar beakers are used in the following experiment. Beaker A is filled with marbles to the 150 cm³ mark. Beaker B has 150 cm³ of water.



What will the water level be in beaker A after the water in beaker B is completely poured into beaker A?

- A) 100cm³
- B) 150cm³
- ✓ C) 260cm³
- D) 300cm³

Question Type: Multiple Choice
 Randomize Answers: No
 Date Added: Thu 7th Jan 2021
 Last Modified: N/A
 QID#: 25,756,249

Answers | Edit | Duplicate | Used In | Reorder

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Question 20

Primary 4 Science » Primary 4 Science (Term 2)

2 pts

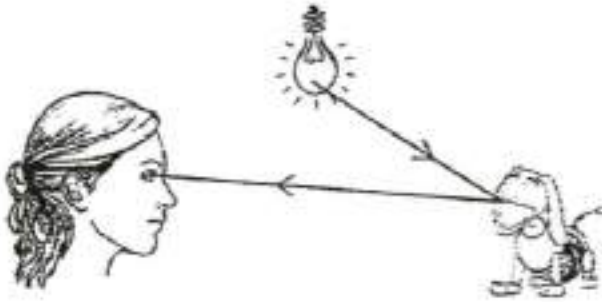
Look at the picture below.



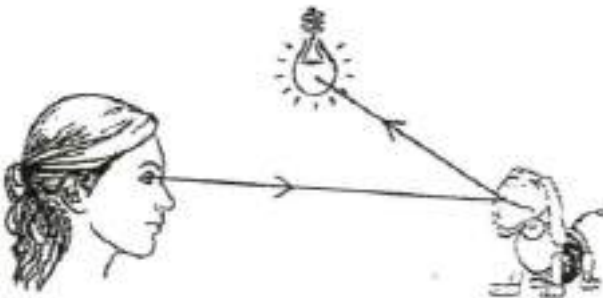
Which one of the following explains why Sally can see the toy dog?

direction of light →

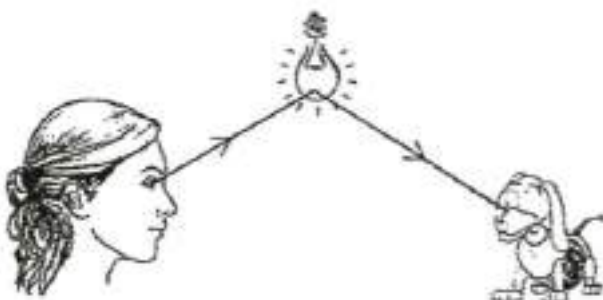
✓ A)



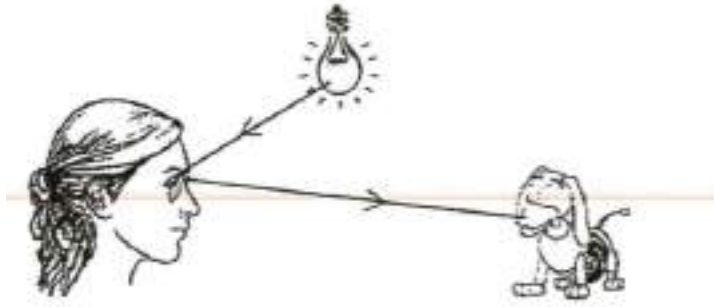
B)



C)



D)



Question Type: Multiple Choice
Randomize Answers: No
Date Added: Thu 7th Jan 2021
Last Modified: N/A
QID#: 25,756,258

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

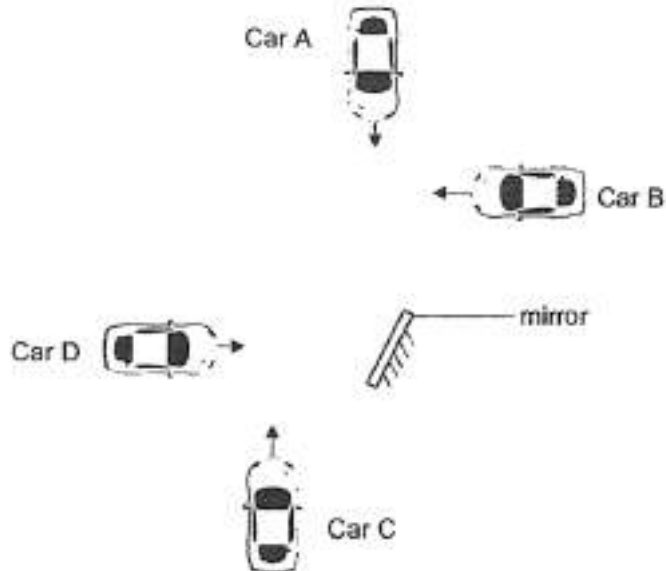
[Remove From Test](#)

Question 21

Primary 4 Science » Primary 4 Science (Term 2)

2 pts

The diagram below shows four cars A, B, C and D. They are travelling in the directions shown by the arrows.



Which two drivers can see each other in the mirror?

- A) A and C
- ✓ B) A and D
- C) B and C
- D) B and D

Question Type: Multiple Choice
Randomize Answers: No
Date Added: Thu 7th Jan 2021

Last Modified: N/A
QID#: 25,756,265

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

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Question 22

Primary 4 Science » Primary 4 Science (Term 2)

2 pts

Which of the following do not give out light but can be seen because they reflect light?

- A) sun, star, moon
- ✓ B) earth, man, tree
- C) lightning, candle, oil lamp
- D) firefly, fireworks campfire

Question Type: Multiple Choice
Randomize Answers: No
Date Added: Thu 7th Jan 2021
Last Modified: N/A
QID#: 25,756,277

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

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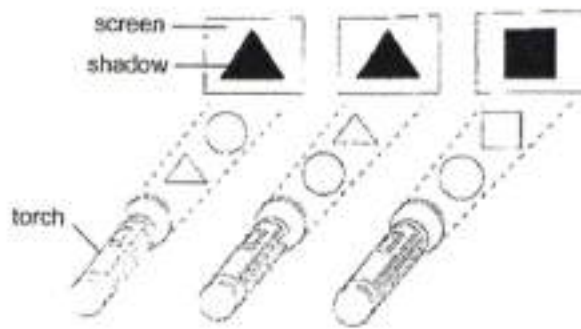
Question 23

Primary 4 Science » Primary 4 Science (Term 2)

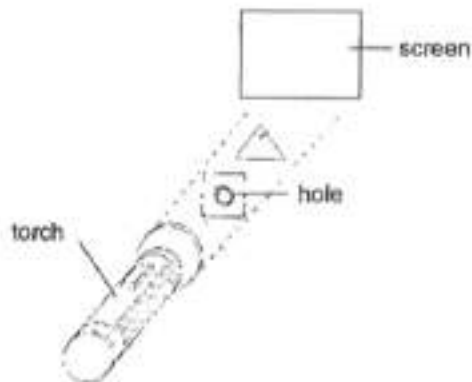
2 pts

The diagram below shows the shapes of the shadows produced when two objects are placed between a screen and a torch. The objects of the objects allows most of the light to pass through.

Show downloads



A hole was made in the centre of the square object and it was then placed in front of the screen together with the triangular object, as shown below.



Which of the following shows the shadow produced on the screen?

✓ A)



B)



C)



D)



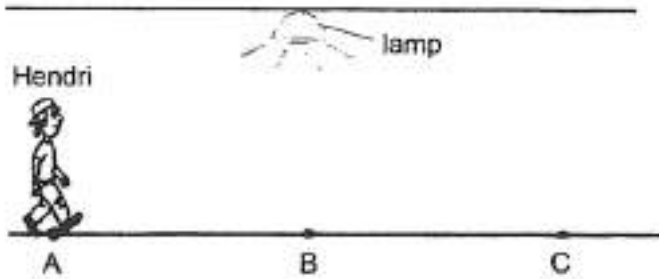
Question Type: Multiple Choice
 Randomize Answers: No
 Date Added: Thu 7th Jan 2021
 Last Modified: N/A
 QID#: 25,756,288

Question 24

Primary 4 Science » Primary 4 Science (Term 2)

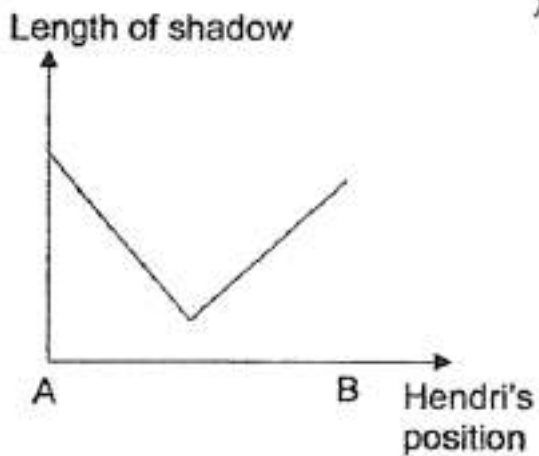
2 pts

Hendri walked in a straight line and at the same speed from A to C as shown below. He was directly under the lamp at B. The distance between A and B is the same as the distance between B and C.

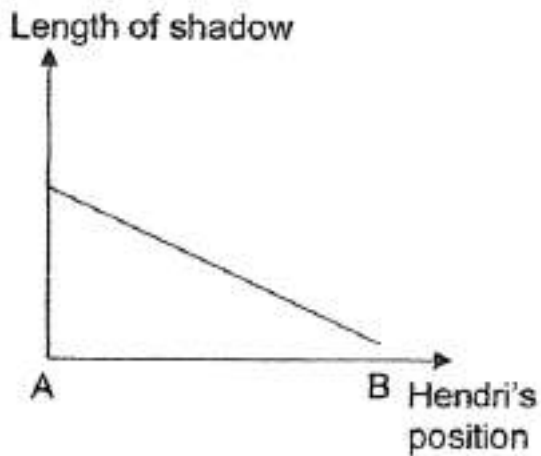


Which one of the following graphs correctly shows how the length of Hendri's shadow on the ground changed during his walk from A to B?

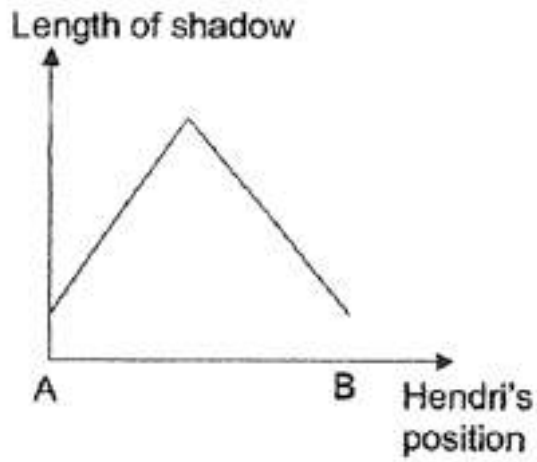
A)



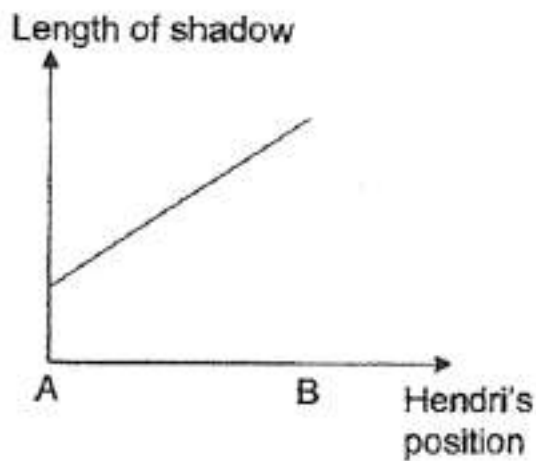
✓ B)



C)



D)



Question Type: Multiple Choice
Randomize Answers: No
Date Added: Thu 7th Jan 2021
Last Modified: N/A
QID#: 25,756,407

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

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Question 25

Primary 4 Science » Primary 4 Science (Term 2)

0.5 pts




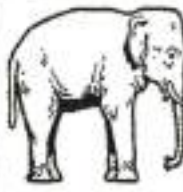
Booklet B

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.

The table below shows how some animals are classified.

P		Q	
			
crocodile	turtle	bat	elephant

(a) Which group of living things do animals P and Q belong to? [1]

P - _____

Accepted answers:

✓ reptiles

Question Type: Free Text
Date Added: Thu 7th Jan 2021
Last Modified: N/A
QID#: 25,756,421

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

[Remove From Test](#)

Question 26

Primary 4 Science » Primary 4 Science (Term 2)

0.5 pts

Q: _____

Accepted answers:

✓ mammals

Question Type: Free Text
Date Added: Thu 7th Jan 2021
Last Modified: N/A
QID#: 25,756,422

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

[Remove From Test](#)

Question 27

Primary 4 Science » Primary 4 Science (Term 2)

0 pts

State one difference in the movement of a crocodile and a bat.

Question Type: Essay
Date Added: Thu 7th Jan 2021
Last Modified: N/A
QID#: 25,756,427

Correctly answered feedback

A crocodile can crawl while a bat can fly.

Incorrectly answered feedback

A crocodile can crawl while a bat can fly.

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

[Remove From Test](#)

Question 28

Primary 4 Science » Primary 4 Science (Term 2)

0 pts

Different materials are used to make the lamp cover and the stand of the scooter as shown below.



Name the material and the property that makes it suitable for making the [2] part of the object indicated above.

	Name of material	Property
lamp cover		
stand		

Question Type: Essay
 Date Added: Thu 7th Jan 2021
 Last Modified: N/A
 QID#: 25,756,505

Correctly answered feedback

Glass; transparent
Metal; Strong

Incorrectly answered feedback

Glass; transparent
Metal; Strong

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

[Remove From Test](#)

Question 29

Primary 4 Science » Primary 4 Science (Term 2)

1 pt

The table below shows the amount of undigested food in each part of the digestive system.

Part of digestive system	mouth	gullet	stomach	small intestine	large intestine
Amount of undigested food (g)	100	100	60	10	Y

(a) What is the amount of undigested food in Y?

[1]

Accepted answers:

- ✓ 10g
- ✓ 10 g
- ✓ 10

Question Type: Free Text
Date Added: Thu 7th Jan 2021
Last Modified: N/A
QID#: 25,756,515

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

[Remove From Test](#)

Question 30

Primary 4 Science » Primary 4 Science (Term 2)

0 pts

What happens to the food the has been digested?

Question Type: Essay
Date Added: Thu 7th Jan 2021
Last Modified: N/A
QID#: 25,756,528

Correctly answered feedback

Digested food is absorbed into the bloodstream

Incorrectly answered feedback

Digested food is absorbed into the bloodstream

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

[Remove From Test](#)

Question 31

Primary 4 Science » Primary 4 Science (Term 2)

0 pts

Why does the amount of undigested food remain the same at the gullet?

Question Type: Essay
Date Added: Thu 7th Jan 2021
Last Modified: N/A
QID#: 25,756,539

Correctly answered feedback

Digestion does not take place in the gullet

Incorrectly answered feedback

Digestion does not take place in the gullet

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

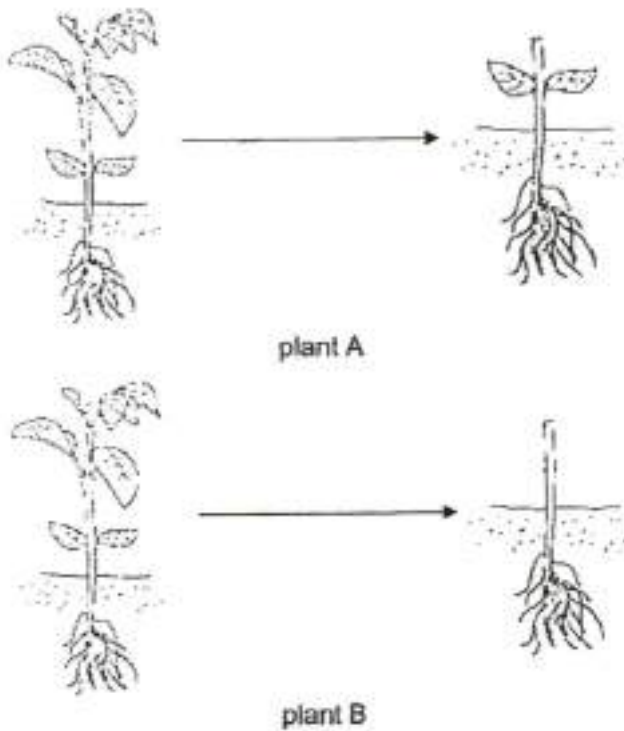
[Remove From Test](#)

Question 32

Primary 4 Science » Primary 4 Science (Term 2)

0 pts

Some parts of plants A and B were cut off as shown below.



Which plant A or B would survive longer? Explain your answer.

Question Type: Essay
Date Added: Thu 7th Jan 2021
Last Modified: N/A
QID#: 25,756,557

Correctly answered feedback

A. because there is still 2 leaves for A to make food and a wild be able to grow again

Incorrectly answered feedback

A. because there is still 2 leaves for A to make food and a wild be able to grow again

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

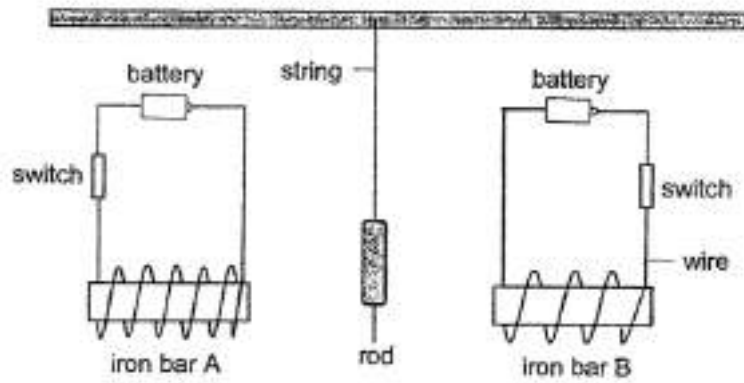
[Remove From Test](#)

Question 33

Primary 4 Science » Primary 4 Science (Term 2)

0 pts

Harun placed a rod between two iron bars A and B as shown below. When the switches were closed, the rod moved towards iron bar A.



(a) Explain why the rod moved towards iron bar A when the switches were closed. [1]

Question Type: Essay
Date Added: Thu 7th Jan 2021
Last Modified: N/A
QID#: 25,756,622

Correctly answered feedback

Iron bar A has more magnetic strength as it has more coils of wire around it than B

Incorrectly answered feedback

Iron bar A has more magnetic strength as it has more coils of wire around it than B

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

[Remove From Test](#)

Question 34

Primary 4 Science » Primary 4 Science (Term 2)

1 pt

State the material that the rod can be made of in order for it to be attracted to the iron bars.

Accepted answers:

- ✓ Iron
- ✓ steel
- ✓ nickel
- ✓ cobalt

Question Type: Free Text
Date Added: Thu 7th Jan 2021
Last Modified: Thu 7th Jan 2021
QID#: 25,756,633

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

[Remove From Test](#)

Question 35

Primary 4 Science » Primary 4 Science (Term 2)

0 pts

What could be done for the rod to move towards iron bar B when the switches were closed?

Question Type: Essay

Date Added: Thu 7th Jan 2021

Last Modified: N/A

QID#: 25,756,643

Correctly answered feedback

Having more coils of wire around iron B

Incorrectly answered feedback

Having more coils of wire around iron B

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

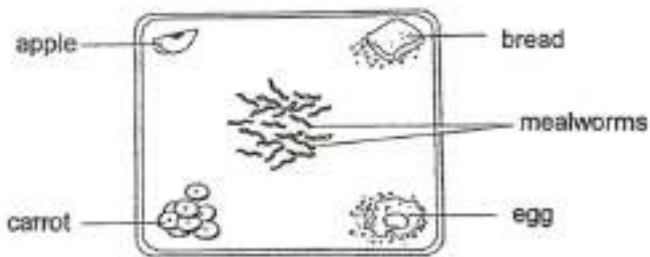
[Remove From Test](#)

Question 36

Primary 4 Science » Primary 4 Science (Term 2)

1 pt

Doris placed 40 mealworms in the centre of a tray as shown in the diagram below. An equal amount of different types of food was placed at each corner of the tray.



After a while, the number of mealworms at each corner was counted. The results were recorded as shown below.

	apple	bread	carrot	egg
Number of mealworms	10	24	4	2

(a) What variable was changed in this experiment?

[1]

Accepted answers:

✓ food

Question Type: Free Text

Date Added: Thu 7th Jan 2021

Last Modified: N/A

QID#: 25,756,650

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

[Remove From Test](#)

Question 37

Primary 4 Science » Primary 4 Science (Term 2)

0 pts

Which food is most suitable for them to continue their life cycle? Give a reason to support your answer.

Question Type: Essay
Date Added: Thu 7th Jan 2021
Last Modified: N/A
QID#: 25,756,731

Correctly answered feedback

Bread. Bread attracts the most mealworms.

Incorrectly answered feedback

Bread. Bread attracts the most mealworms.

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

[Remove From Test](#)

Question 38

Primary 4 Science » Primary 4 Science (Term 2)

0 pts

After some time, Doris noticed that only a few mealworms were still moving. What could have happened to the rest?

Question Type: Essay
Date Added: Thu 7th Jan 2021
Last Modified: N/A
QID#: 25,756,737

Correctly answered feedback

They develop into pupas

Incorrectly answered feedback

They develop into pupas

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

[Remove From Test](#)

Question 39

Primary 4 Science » Primary 4 Science (Term 2)

1 pt

The diagram below shows a young plant.



(a) Which part A, B, C or D represents the seed leaf?

[1]

- A) A
- ✓ B) B
- C) C

D) D

Question Type: Multiple Choice
Randomize Answers: No
Date Added: Thu 7th Jan 2021
Last Modified: N/A
QID#: 25,756,742

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

[Remove From Test](#)

Question 40

Primary 4 Science » Primary 4 Science (Term 2)

0 pts

State one function of a seed leaf

Question Type: Essay
Date Added: Thu 7th Jan 2021
Last Modified: N/A
QID#: 25,756,746

Correctly answered feedback

It provides food for the young plants to grow.

Incorrectly answered feedback

It provides food for the young plants to grow.

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

[Remove From Test](#)

Question 41

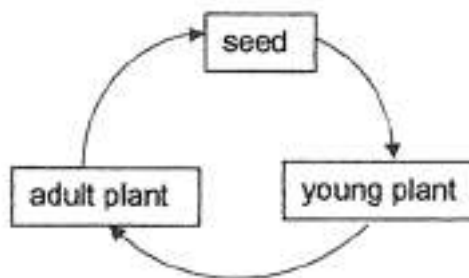
Primary 4 Science » Primary 4 Science (Term 2)

0 pts

What stage of its cycle is plant A in? Give a reason for your answer.



plant A



Question Type: Essay
Date Added: Thu 7th Jan 2021
Last Modified: N/A
QID#: 25,756,752

Correctly answered feedback

Adult stage. Only adult plants have flowers

Incorrectly answered feedback

Adult stage. Only adult plants have flowers

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

[Remove From Test](#)

Question 42

Primary 4 Science » Primary 4 Science (Term 2)

0 pts

Rosy fits a balloon over the mouth of a plastic bottle. She blows into the balloon, but is not able to inflate the balloon to fill the bottle up fully.



(a) Explain why she cannot inflate the balloon to fill the bottle up fully.

Question Type: Essay
Date Added: Thu 7th Jan 2021
Last Modified: N/A
QID#: 25,756,758

Correctly answered feedback

Air in the bottle occupies space and cannot escape

Incorrectly answered feedback

Air in the bottle occupies space and cannot escape

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

[Remove From Test](#)

Question 43

Primary 4 Science » Primary 4 Science (Term 2)

0 pts

Using the same bottle and balloon, suggest what she can do to inflate the balloon to fill the bottle up fully.

Question Type: Essay
Date Added: Thu 7th Jan 2021
Last Modified: N/A
QID#: 25,756,764

Correctly answered feedback

Drilling a small hole so the air can escape

Incorrectly answered feedback

Drilling a small hole so the air can escape

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

[Remove From Test](#)

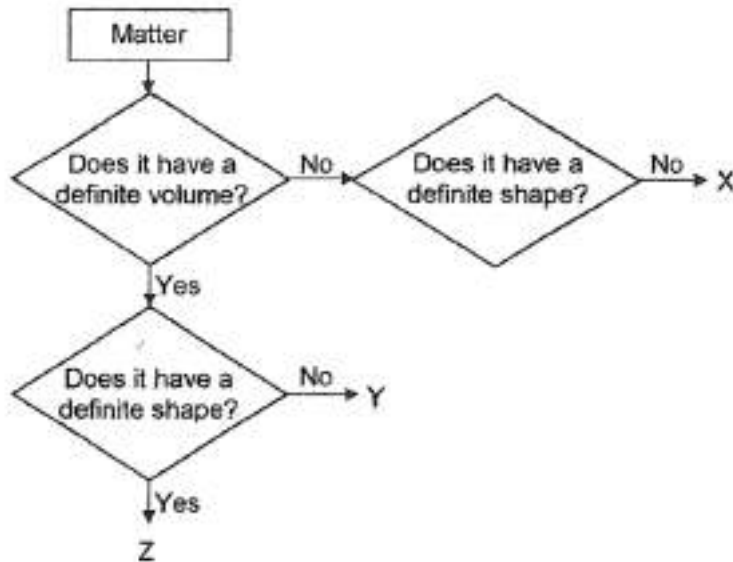
Question 44

Primary 4 Science » Primary 4 Science (Term 2)

1 pt

Match the options below:

Rosy wanted to classify a list of items based on the flow chart as shown below.



(c) Classify the following items accordingly.

Clue	Match
X	oxygen
Y	rain
Z	ice cube

Question Type: Matching
Grade style: Full points if all answers are correct
Shuffle Mode: Shuffle Matches Only
Date Added: Thu 7th Jan 2021
Last Modified: N/A
QID#: 25,756,773

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

[Remove From Test](#)

Question 45

Primary 4 Science » Primary 4 Science (Term 2)

0 pts

Which one of the following is not a matter? Why?

Jelly, Shadow, Clouds, Plasticine

Question Type: Essay
Date Added: Thu 7th Jan 2021
Last Modified: N/A
QID#: 25,756,780

Correctly answered feedback

Shadow. It does not have mass and does not occupy space.

Incorrectly answered feedback

Shadow. It does not have mass and does not occupy space.

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

[Remove From Test](#)

Question 46

Primary 4 Science » Primary 4 Science (Term 2)

0 pts

Look at the diagram below.



(a) How is the girl's shadow formed on the wall?

[1]

Question Type: Essay
Date Added: Thu 7th Jan 2021
Last Modified: N/A
QID#: 25,756,785

Correctly answered feedback

When the girl blocks the path of light

Incorrectly answered feedback

When the girl blocks the path of light

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

[Remove From Test](#)

Question 47

Primary 4 Science » Primary 4 Science (Term 2)

1 pt

What can the girl do to form two shadows on the wall instead of one?

- A) move nearer to the light source
- B) move further away from the light source
- C) stand at the side of the wall instead of the centre
- ✓ D) use two light sources shining from different directions

Question Type: Multiple Choice

Randomize Answers: No
 Date Added: Thu 7th Jan 2021
 Last Modified: N/A
 QID#: 25,756,796

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

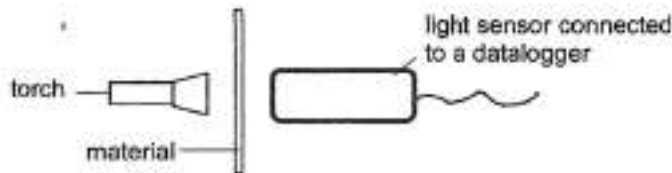
[Remove From Test](#)

Question 48

Primary 4 Science » Primary 4 Science (Term 2)

0 pts

Devi wants to find out how much light can pass through the materials P, Q and R. Each material was placed in between a torch and a light sensor connected to a datalogger.



She recorded the results as shown below.

Materials	Amount of light (units)
P	0
Q	35
R	154

(a) Based on the table above, what can Devi conclude about material Q? [1]

Question Type: Essay
 Date Added: Thu 7th Jan 2021
 Last Modified: N/A
 QID#: 25,756,800

Correctly answered feedback

Q is a translucent object

Incorrectly answered feedback

Q is a translucent object

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

[Remove From Test](#)

Question 49

Primary 4 Science » Primary 4 Science (Term 2)

0 pts

Which material P, Q or R should Devi choose to make a curtain to have the darker bedroom? Give a reason for your answer

Question Type: Essay
 Date Added: Thu 7th Jan 2021
 Last Modified: N/A
 QID#: 25,756,806

Correctly answered feedback

P, because light cannot pass through it.

Incorrectly answered feedback

P, because light cannot pass through it.

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

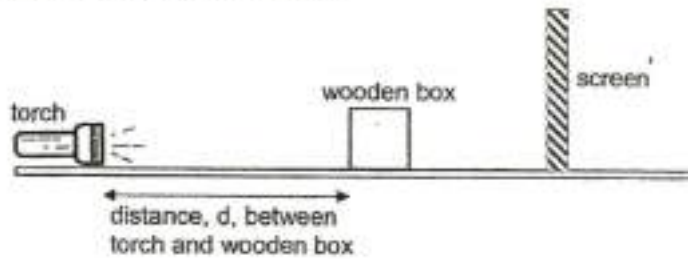
[Remove From Test](#)

Question 50

Primary 4 Science » Primary 4 Science (Term 2)

1 pt

Fiona used a torch to shine on a wooden box as shown below. A shadow of the box was formed on the screen.



- (a) Fiona measured the height of the shadow formed on the screen as she moved the torch towards the wooden box. She recorded the results in the table as shown below.

distance, d , between torch and wooden box (cm)	Height, H , of the shadow formed on the screen (cm)
15	8
12	10
9	12
6	H

State the height, H , of the shadow formed when the distance, d , [1] between the torch and the wooden box is 6 cm.

H : _____ cm

Accepted answers:

- ✓ 14cm
- ✓ 14 cm
- ✓ 14

Question Type: Free Text
Date Added: Thu 7th Jan 2021
Last Modified: N/A
QID#: 25,756,816

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

[Remove From Test](#)

Question 51

Primary 4 Science » Primary 4 Science (Term 2)

0 pts

Without moving the torch, suggest two ways that Fiona could do to make the height of the shadow formed on the screen to be less than 8 cm

Question Type: Essay
Date Added: Thu 7th Jan 2021

Last Modified: N/A
QID#: 25,756,826

Correctly answered feedback

1. Move the screen nearer to the wooden box
2. Move the wooden box nearer to the screen

Incorrectly answered feedback

1. Move the screen nearer to the wooden box
2. Move the wooden box nearer to the screen

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

[Remove From Test](#)

Question 52

Primary 4 Science » Primary 4 Science (Term 2)

0 pts

What is the relationship between the distance of the torch and the wooden box and the height of the shadow formed on the screen?

Question Type: Essay
Date Added: Thu 7th Jan 2021
Last Modified: N/A
QID#: 25,756,836

Correctly answered feedback

As the distance between the torch and the wooden box increases, the height of the shadow decreases

Incorrectly answered feedback

As the distance between the torch and the wooden box increases, the height of the shadow decreases

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

[Remove From Test](#)