




Tests Edit Test

 Tests  Groups  Links **Primary 4 - Term 2 (SA1) Science (Red Swastika) ✓** Duplicate Print Delete Assign Test**Test Introduction**[+ Add Introduction](#)**54 Questions** (62 Points)Question Bank: 19,950 Questions 

Test Questions

1 Test Assignment

Question 1

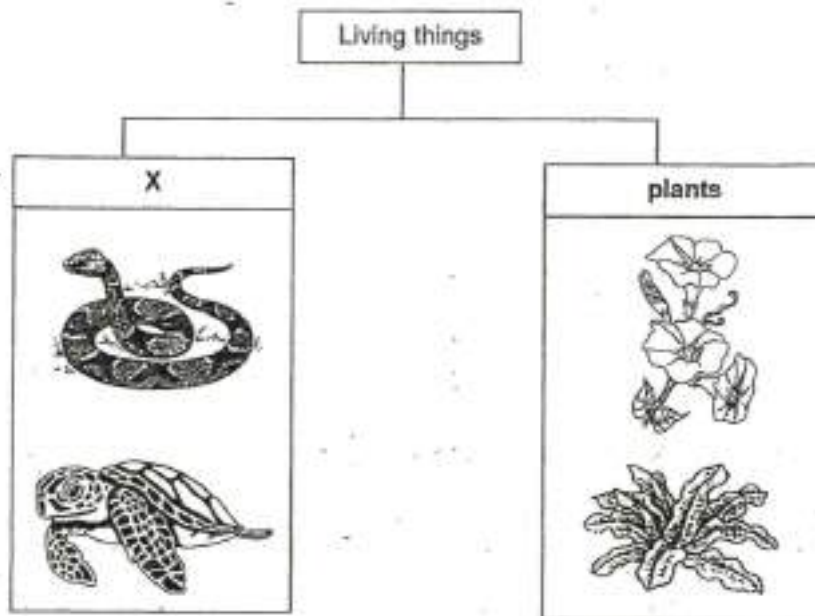
Primary 4 Science » Primary 4 Science (Term 2)

2 pts

Booklet A (24 x 2 marks)

For each question from 1 to 24, four options are given. One of them is the correct answer.

Study the classification table shown.



Which one of the following is the most suitable heading for group X?

- A) birds
- B) insects
- ✓ C) reptiles
- D) amphibians

Question Type: Multiple Choice
Randomize Answers: No
Date Added: Wed 30th Sep 2020
Last Modified: N/A
QID#: 23,982,330

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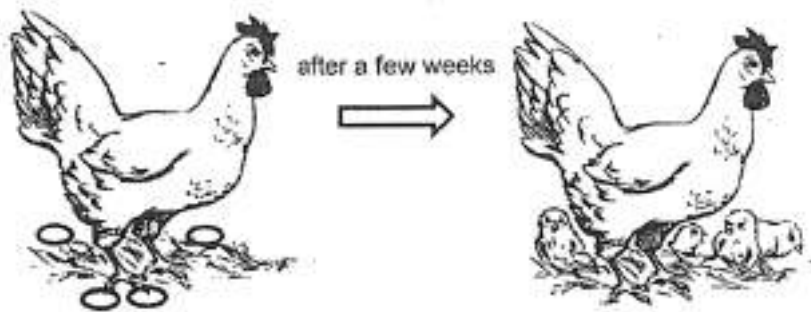
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Question 2

Primary 4 Science » Primary 4 Science (Term 2)

2 pts

Study the following organism.



What characteristic of living things does it show?

- A) Living things can die
- ✓ B) Living things can reproduce
- C) Living things can respond to changes
- D) Living things need air, food and water to survive

Question Type: Multiple Choice
Randomize Answers: No
Date Added: Wed 30th Sep 2020
Last Modified: N/A
QID#: 23,982,345

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Question 3

Primary 4 Science » Primary 4 Science (Term 2)

2 pts

Benny recorded some information in the table shown.

Animal	Characteristics	Example
fish	has scales and breathes through gills	seal
bird	has feathers and a beak	parrot
insect	has six legs and three body parts	beetle
mammal	has hair and produces milk	elephant

Which one of the following has been grouped wrongly?

- ✓ A) seal
- B) parrot
- C) beetle
- D) elephant

Question Type: Multiple Choice
 Randomize Answers: No
 Date Added: Wed 30th Sep 2020
 Last Modified: N/A
 QID#: 23,982,351

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Question 4

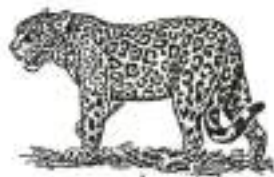
Primary 4 Science » Primary 4 Science (Term 2)

2 pts

The diagrams show some animals.



rabbit



leopard



zebra



bat

Based on the animals shown above, which of the following is/are true about all the animals?

- A : They live on land.
- B : They have hair as their outer covering.
- C : They respond to changes around them.

- A) A 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: Wed 30th Sep 2020
Last Modified: N/A
QID#: 23,982,362

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Question 5

Primary 4 Science » Primary 4 Science (Term 2)

2 pts

Aminah recorded her observations on the development of plant X.

Day	Development
1	seed planted
3	root appeared
7	shoot appeared
10	leaf appeared

When would the seedling be able to start making food?

- A) day 1
- B) day 3
- C) day 7
- ✓ D) day 10

Question Type: Multiple Choice
Randomize Answers: No
Date Added: Wed 30th Sep 2020
Last Modified: N/A
QID#: 23,982,375

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Question 6

Primary 4 Science » Primary 4 Science (Term 2)

2 pts

The table shows the characteristics of the life cycles of four animals.

Animal	P	Q	R	S
Young looks like the adult	✓	X	✓	X
Has four stages in its life cycle	✓	✓	X	X
Moults during one of the stages	X	✓	✓	✓

Which animal most likely represents a butterfly?

- A) P
- ✓ B) Q
- C) R
- D) S

Question Type: Multiple Choice
Randomize Answers: No
Date Added: Wed 30th Sep 2020
Last Modified: N/A
QID#: 23,982,385

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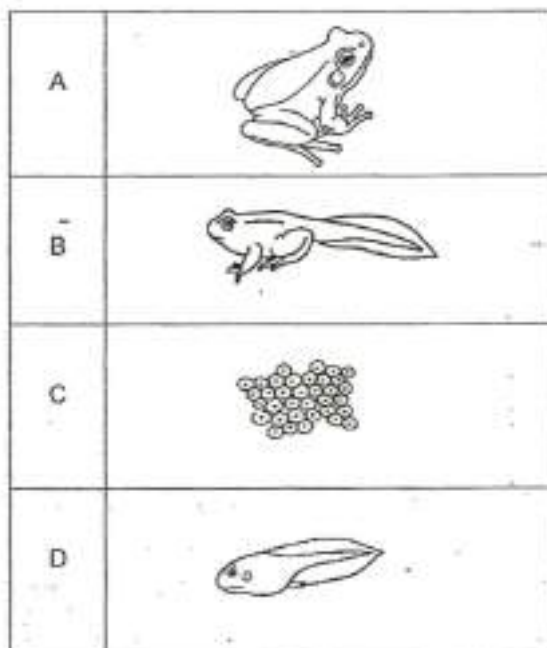
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Question 7

Primary 4 Science » Primary 4 Science (Term 2)

2 pts

The diagrams show the different stages in the life cycle of a frog. The stages are not arranged in order.



Which of the following shows the correct order of the life cycle of a frog?

- A) C -> A -> B -> D
- ✓ B) C -> D -> B -> A
- C) C -> B -> D -> A
- D) C -> D -> A -> B

Question Type: Multiple Choice
Randomize Answers: No
Date Added: Wed 30th Sep 2020
Last Modified: N/A
QID#: 23,982,403

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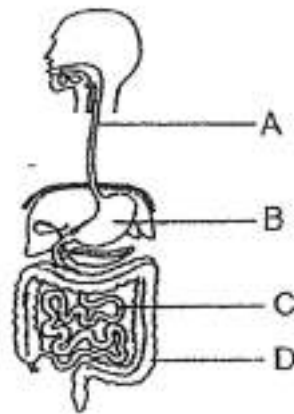
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Question 8

Primary 4 Science » Primary 4 Science (Term 2)

2 pts

The diagram shows the human digestive system.



At which parts, A, B, C or D, are digestive juices not added?

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

Question Type: Multiple Choice
Randomize Answers: No
Date Added: Wed 30th Sep 2020
Last Modified: N/A
QID#: 23,982,409

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Question 9

Primary 4 Science » Primary 4 Science (Term 2)

2 pts

Study the classification table of the organ systems in a human body.

Respiratory system	Circulatory system	Skeletal system	Muscular system
nose windpipe	lungs heart	skull rib	muscles

Which organ is placed in the wrong group?

- A) heart
- B) skull
- ✓ C) lungs
- D) muscles

Question Type: Multiple Choice
 Randomize Answers: No
 Date Added: Wed 30th Sep 2020
 Last Modified: N/A
 QID#: 23,982,418

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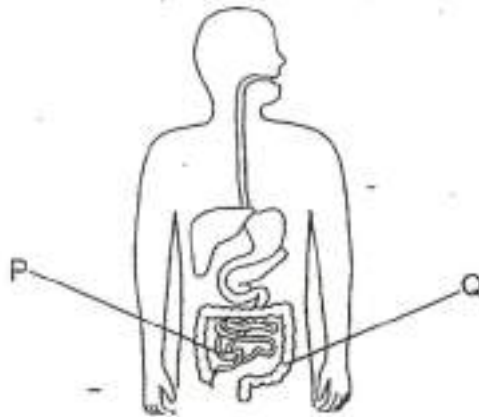
[Remove From Test](#)

Question 10

Primary 4 Science » Primary 4 Science (Term 2)

2 pts

The diagram shows a human digestive system.



Compare organ P and Q, which two comparisons are correct?

- A : Digestion is completed in organ P.
- B : Digestion is completed in organ Q.
- C : Organ P absorbs digested food while Organ Q absorbs water.
- D : Organ Q absorbs digested food while Organ P absorbs water.

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

Question Type: Multiple Choice
Randomize Answers: No
Date Added: Wed 30th Sep 2020
Last Modified: N/A
QID#: 23,982,426

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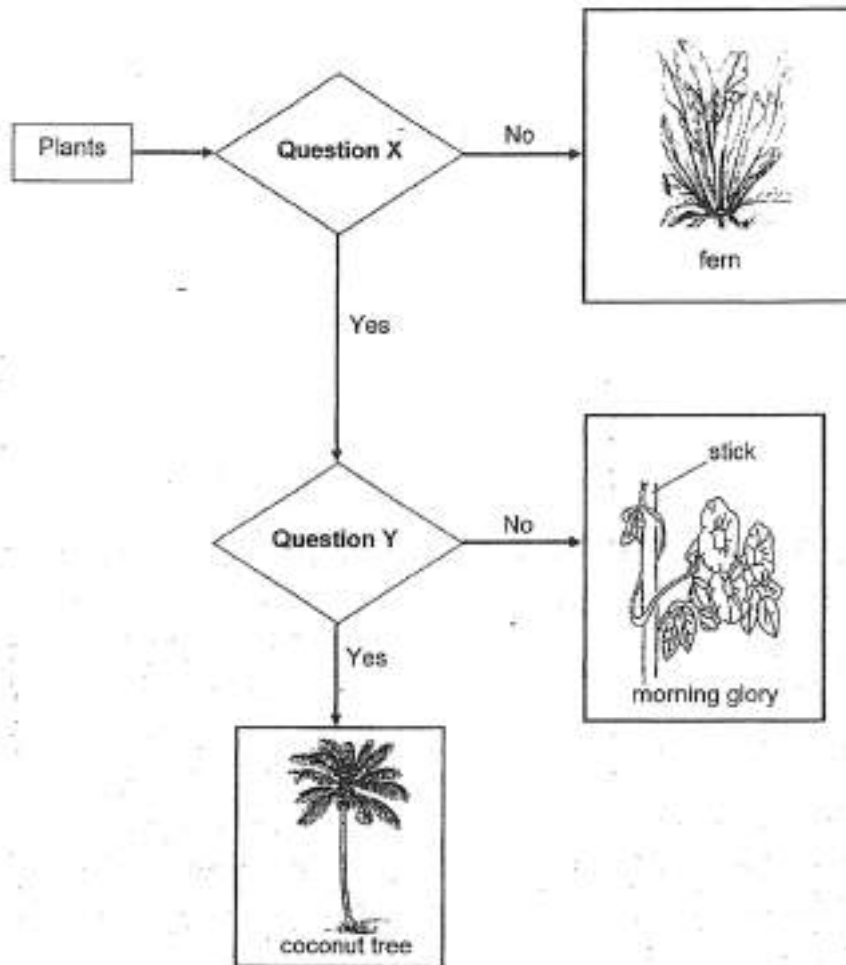
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Question 11

Primary 4 Science » Primary 4 Science (Term 2)

2 pts

Study the flow chart below carefully.



Based on the flow chart, which one of the following correctly states what question X and question Y might be?

	Question X	Question Y
(1)	Does it have a weak stem?	Does it have flowers?
(2)	Does it have a strong stem?	Does it have flowers?
(3)	Does it have flowers?	Does it have a weak stem?
(4)	Does it have flowers?	Does it have a strong stem?

- A) 1
 B) 2
 C) 3
 D) 4



Question Type: Multiple Choice
Randomize Answers: No
Date Added: Wed 30th Sep 2020
Last Modified: N/A
QID#: 23,982,433

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

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Question 12

Primary 4 Science » Primary 4 Science (Term 2)

2 pts

Which one of the following is not an example of a matter?

- A) air
- B) jelly
- C) oxygen
- D) shadow

Question Type: Multiple Choice
Randomize Answers: No
Date Added: Wed 30th Sep 2020
Last Modified: N/A
QID#: 23,982,441

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

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Question 13

Primary 4 Science » Primary 4 Science (Term 2)

2 pts

A bowl of ice-cream is put on the kitchen table.



Which of the following correctly shows the heat changes of the ice-cream?

- A: The ice-cream loses heat to the surroundings
 - B: The ice-cream gains heat from the metal spoon.
 - C: The ice-cream loses heat to the metal spoon.
-
- A) A only
 - B) B only
 - C) A and B only
 - D) A and C only

Question Type: Multiple Choice
Randomize Answers: No
Date Added: Wed 30th Sep 2020
Last Modified: N/A
QID#: 23,982,446

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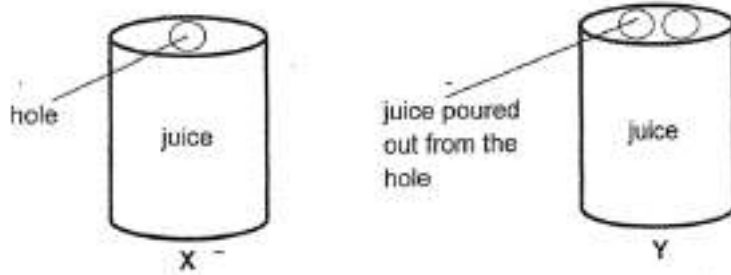
[Remove From Test](#)

Question 14

Primary 4 Science » Primary 4 Science (Term 2)

2 pts

There were two cans of juice, X and Y. Zach poked one hole in can X while David poked two holes in can Y as shown. Next, both of them poured out the juice from the hole of each can.



What would be the immediate observation as the juice was poured out?

- ✓ A) Juice from X flowed out slower than Y
- B) Juice from Y flowed out slower than X
- C) Juice from X and Y flowed out at the same rate
- D) Juice from Y flowed out but juice from X would not flow out

Question Type: Multiple Choice
Randomize Answers: No
Date Added: Wed 30th Sep 2020
Last Modified: N/A
QID#: 23,982,463

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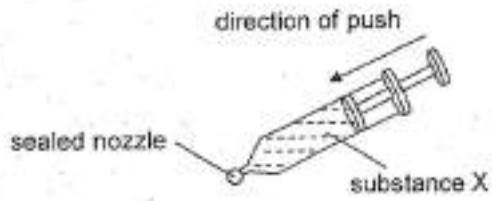
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Question 15

Primary 4 Science » Primary 4 Science (Term 2)

2 pts

The syringe below contains 200cm^3 of substance X and its nozzle is sealed tightly. Melody is not able to push the plunger inwards no matter how hard she tried.



Which of the following is correct about substance X?

	Substance X	Reason
(1)	liquid	has no definite volume
(2)	liquid	has a definite volume
(3)	gas	cannot be compressed
(4)	gas	can be compressed

- A) 1
 ✓ B) 2
 C) 3
 D) 4

Question Type: Multiple Choice
Randomize Answers: No
Date Added: Wed 30th Sep 2020
Last Modified: N/A
QID#: 23,982,472

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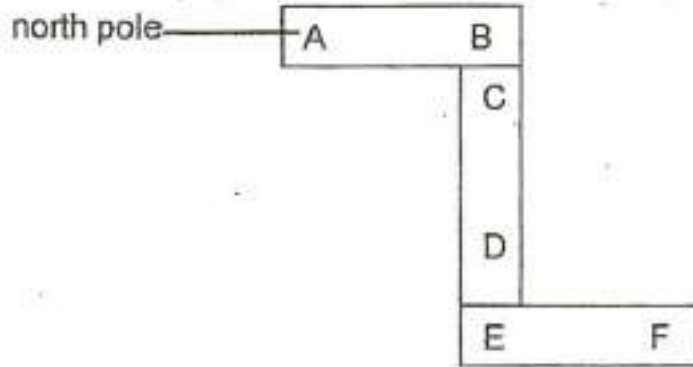
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Question 16

Primary 4 Science » Primary 4 Science (Term 2)

2 pts

Study the three magnets as shown carefully.



Which of the following correctly identifies poles C and F?

	C	F
(1)	north pole	north pole
(2)	south pole	north pole
(3)	north pole	south pole
(4)	south pole	south pole

- A) 1
 B) 2
 ✓ C) 3
 D) 4

Question Type: Multiple Choice
Randomize Answers: No
Date Added: Wed 30th Sep 2020
Last Modified: N/A
QID#: 23,982,475

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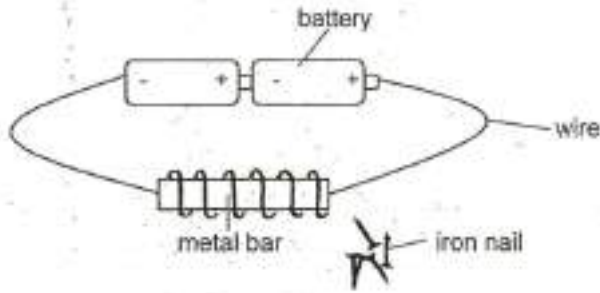
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Question 17

Primary 4 Science » Primary 4 Science (Term 2)

2 pts

Sally used a wire, metal bar and some batteries to set up an electromagnet as shown.



Which of the following should be done to increase the magnetic strength of the electromagnet?

- A) Decrease the number of batteries in the set-up
- B) Increase the number of iron nails in the set-up
- ✓ C) Increase the number of coils around the metal bar
- D) Decrease the number of coils around the metal bar

Question Type: Multiple Choice
Randomize Answers: No
Date Added: Wed 30th Sep 2020
Last Modified: N/A
QID#: 23,982,488

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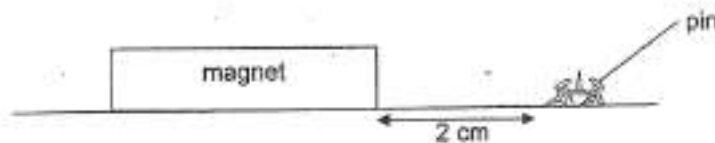
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Question 18

Primary 4 Science » Primary 4 Science (Term 2)

2 pts

Caleb wanted to test the magnetic strength of four magnets, W, X, Y and Z. He placed each magnet near some iron pins and recorded his observation.



Magnet	Distance between the magnet and the pins (cm)	Number of pins attracted to the magnet
W	2	8
X	2	5
Y	2	1
Z	2	3

Which one of the following statements is most likely to be correct?

- A) Magnet W has the least magnetism
- B) Magnet Y has the greatest magnetism
- C) The magnetism for magnet Z is less than magnet Y
- ✓ D) The magnetism for magnet X is less than magnet Z

Question Type: Multiple Choice
Randomize Answers: No
Date Added: Wed 30th Sep 2020
Last Modified: N/A
QID#: 23,982,508

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

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Question 19

Primary 4 Science » Primary 4 Science (Term 2)

2 pts

Which of the following item(s) produce(s) heat?

A: the sun
 B: an ice cube
 C: a candle flame

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

Question Type: Multiple Choice
Randomize Answers: No
Date Added: Wed 30th Sep 2020
Last Modified: N/A
QID#: 23,982,518

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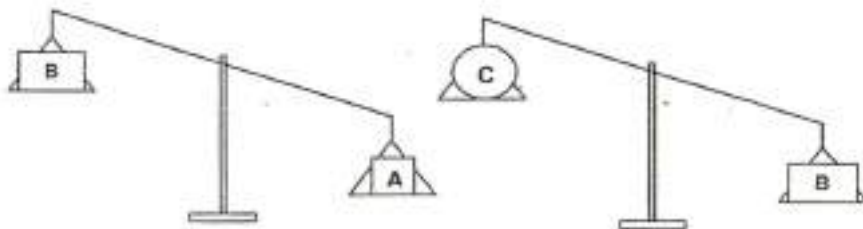
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Question 20

Primary 4 Science » Primary 4 Science (Term 2)

2 pts

Betty is comparing the mass of three objects A, B and C using the balance beam as seen below.



Which of the following statements is true about their masses?

- ✓ A) Object A is the heaviest
- B) Object B is the heaviest
- C) Object B is lighter than object C

D) Object A is lighter than object C

Question Type: Multiple Choice
Randomize Answers: No
Date Added: Wed 30th Sep 2020
Last Modified: N/A
QID#: 23,982,552

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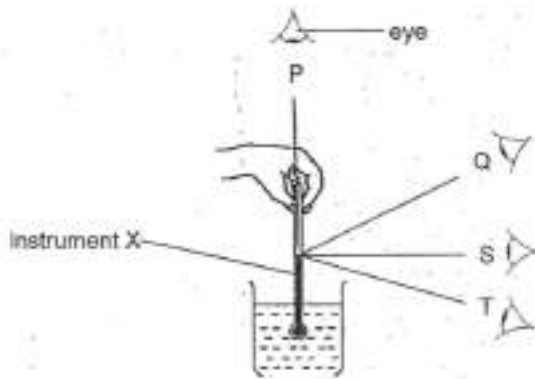
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Question 21

Primary 4 Science » Primary 4 Science (Term 2)

2 pts

Ahmad used instrument X to find out the temperature of hot water in the beaker.



At which point, P, Q, S or T, should he place his eye to have an accurate reading of the temperature?

- A) P
- B) Q
- ✓ C) S
- D) T

Question Type: Multiple Choice
Randomize Answers: No
Date Added: Wed 30th Sep 2020
Last Modified: N/A
QID#: 23,982,558

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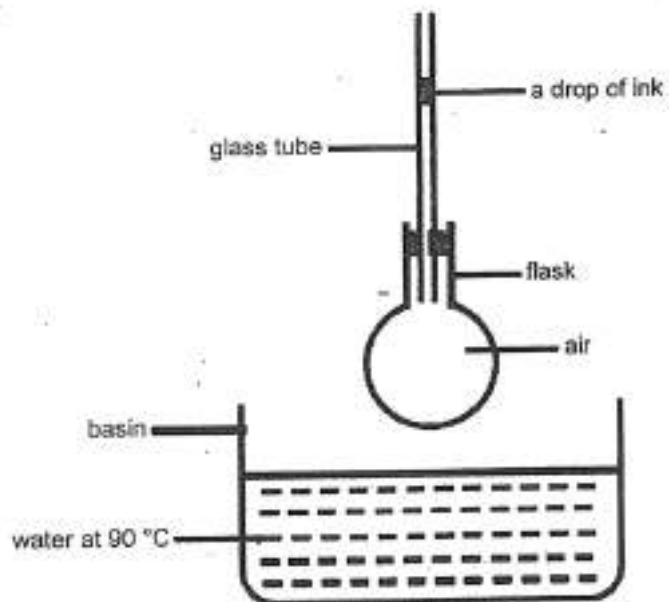
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Question 22

Primary 4 Science » Primary 4 Science (Term 2)

2 pts

Minah set up the experiment as shown.



The flask is placed into the water. Which of the following correctly explains what will happen?

	ink drop	reason
(1)	moves up	water in the basin expands
(2)	moves up	air in the flask expands
(3)	moves down	water in the basin contracts
(4)	moves down	air in the flask contracts

- A) 1
 ✓ B) 2
 C) 3
 D) 4

Question Type: Multiple Choice
Randomize Answers: No
Date Added: Wed 30th Sep 2020
Last Modified: N/A
QID#: 23,982,565

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

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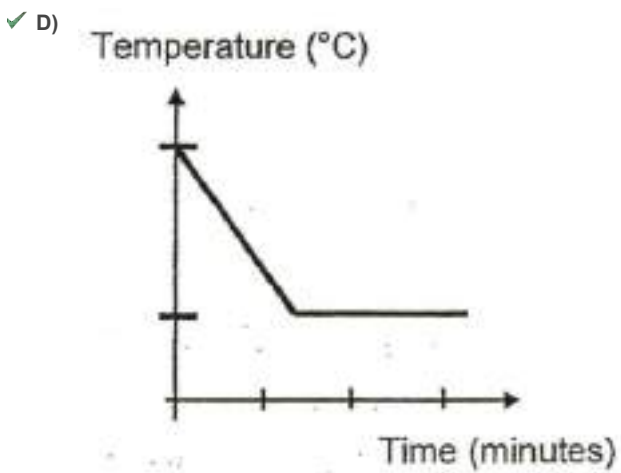
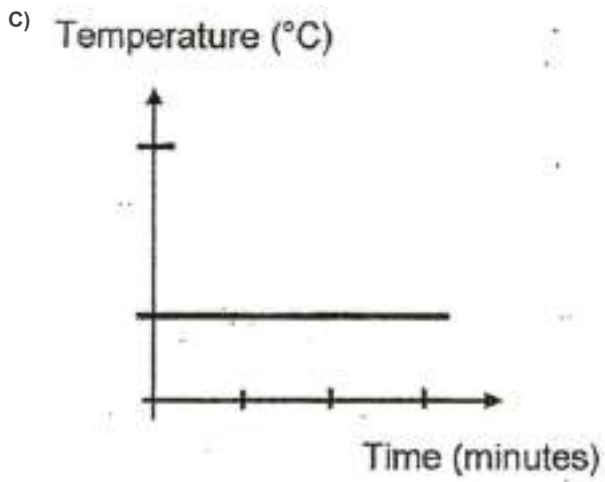
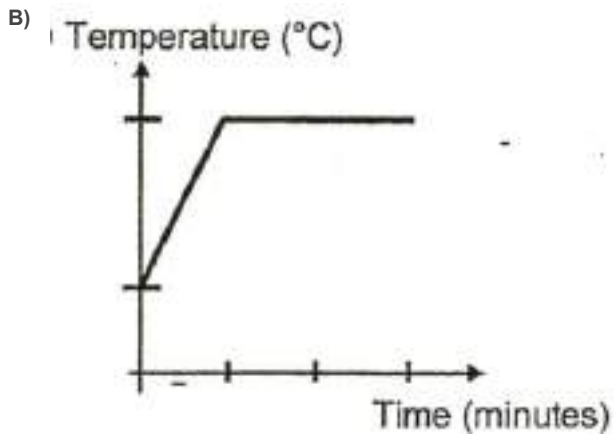
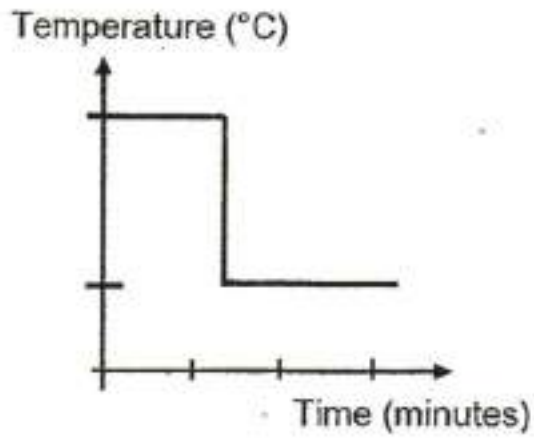
Question 23

Primary 4 Science » Primary 4 Science (Term 2)

2 pts

Mrs Tan left a cup of hot tea on the table for 30 minutes. Which graph correctly shows the temperature of the hot tea over a period of 30 minutes?

A)



Question Type: Multiple Choice
Randomize Answers: No
Date Added: Wed 30th Sep 2020
Last Modified: N/A
QID#: 23,982,591

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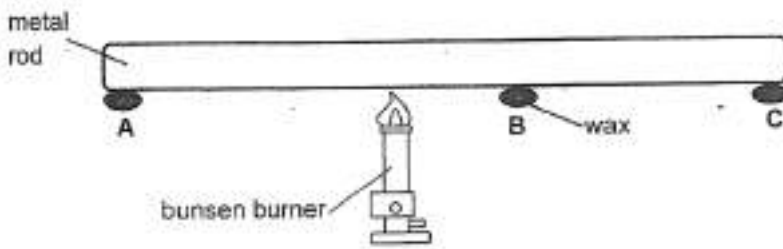
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Question 24

Primary 4 Science » Primary 4 Science (Term 2)

2 pts

Su Ling placed three equal amount of wax, A, B and C, at three different parts of a metal rod as shown.



Which of the following about the wax is correct?

	first to melt	last to melt
(1)	B	A
(2)	C	B
(3)	A	C
(4)	B	C

- A) 1
 B) 2
 C) 3
 ✓ D) 4

Question Type: Multiple Choice
Randomize Answers: No
Date Added: Wed 30th Sep 2020
Last Modified: N/A
QID#: 23,982,594

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

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Question 25

Primary 4 Science » Primary 4 Science (Term 2)

1 pt

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.

Study the table below carefully. A tick (✓) in each box indicates the characteristics which the living things have.

Characteristic of living things	Living things			
	W	X	Y	Z
Lives in water to survive	✓		✓	✓
Produces milk for their young			✓	
Has a beak and feathers		✓		
Has leaves, stem and roots	✓			
Can move around freely		✓	✓	✓

The diagram below shows organism A.



Organism A

Based on the table, under which group of living things, W, X, Y or Z, would you place organism A? (1m)

- A) W
- B) X
- C) Y
- ✓ D) Z

Question Type: Multiple Choice
Randomize Answers: No
Date Added: Wed 30th Sep 2020
Last Modified: N/A
QID#: 23,982,609

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

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Question 26

Primary 4 Science » Primary 4 Science (Term 2)

0 pts

b) Based on the table, state one reason why organism A cannot be classified in the same group as organism W? (1m)

c) State one similar characteristic of living things, X, Y and Z. (1m)

d) Based on the table, which characteristic can be used to identify a living thing as a mammal? (1m)

Question Type: Essay
Date Added: Wed 30th Sep 2020

Last Modified: N/A
 QID#: 23,982,629

Correctly answered feedback

- b) W has leaves, stem and roots but Organism A does not / W is a plant but A is a fish.
- c) X, Y and Z can move around freely.
- d) Produces milk for their young.

Incorrectly answered feedback

- b) W has leaves, stem and roots but Organism A does not / W is a plant but A is a fish.
- c) X, Y and Z can move around freely.
- d) Produces milk for their young.

[Answers](#) |
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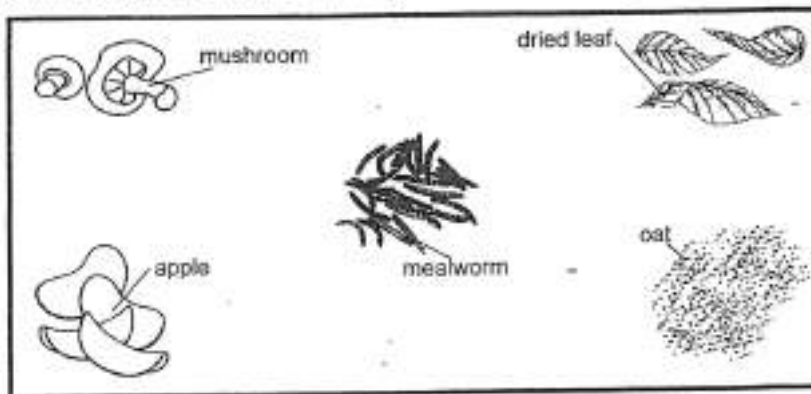
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Question 27

Primary 4 Science » Primary 4 Science (Term 2)

1 pt

Sofia carried out an experiment with some mealworms in the Science room. She placed the mealworms in the centre of a tray. Then, she placed different types of food at four corners of the tray as shown in the diagram.



After some time, she counted the number of mealworms found at each corner. The table below showed the results.

Type of Food	mushroom	dried leaf	apple	oat
Number of mealworms	2	1	4	13

Based on the table, which type of food did the mealworms like the least? (1m)

Accepted answers:

✓ dried leaf

Question Type: Free Text

Date Added: Wed 30th Sep 2020
Last Modified: N/A
QID#: 23,982,641

Answers | Edit | Duplicate | Used In | Reorder

Remove From Test

Question 28

Primary 4 Science » Primary 4 Science (Term 2)

0 pts

Sofia also observed some insect skin on the tray. However, there were no dead mealworms or other insects found on the tray.

Suggest a reason why insect skin was found on the tray

Question Type: Essay
Date Added: Wed 30th Sep 2020
Last Modified: N/A
QID#: 23,982,652

Correctly answered feedback

The mealworm moulted

Incorrectly answered feedback

The mealworm moulted

Answers | Edit | Duplicate | Used In | Reorder

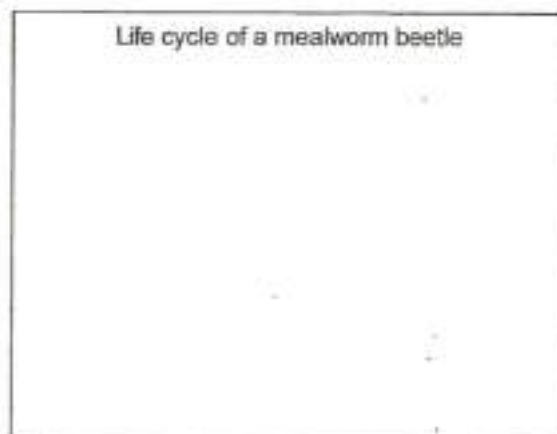
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Question 29

Primary 4 Science » Primary 4 Science (Term 2)

0 pts

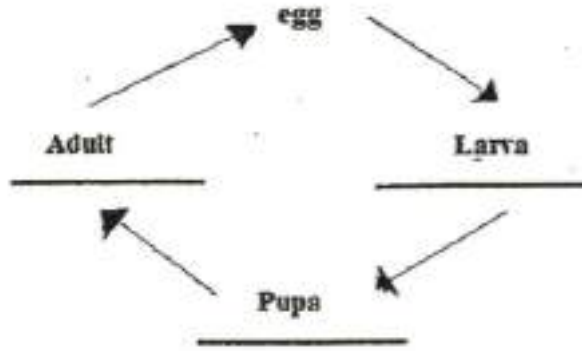
The mealworm will turn into a beetle eventually. Draw the life cycle of the mealworm beetle in the box below. Use only words and arrows. (1m)



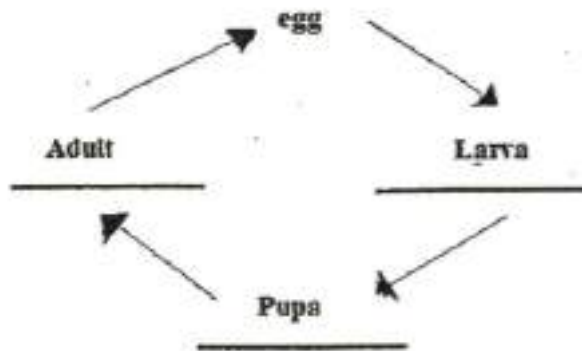
Please type "done" to proceed to the next question

Question Type: Essay
Date Added: Wed 30th Sep 2020
Last Modified: N/A
QID#: 23,982,663

Correctly answered feedback



Incorrectly answered feedback



[Answers](#) |
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Question 30

Primary 4 Science » Primary 4 Science (Term 2)

1 pt

At which stage of the life cycle of the mealworm beetle does reproduction take place?

Accepted answers:

- ✓ adult stage
- ✓ Adult

Question Type: Free Text
Date Added: Wed 30th Sep 2020
Last Modified: N/A
QID#: 23,982,673

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

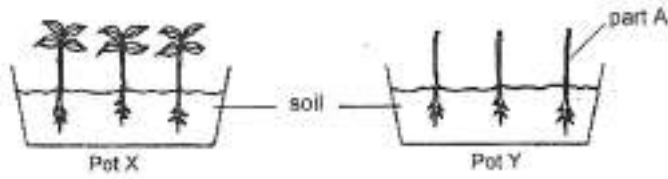
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Question 31

Primary 4 Science » Primary 4 Science (Term 2)

0 pts

- Leon grew two pots of seedlings, X and Y, from seeds of the same kind of plant. When the plants of both pots were of the same height, he cut away the leaves of the plants in pot Y. He left both plants at the window and watered them daily.



- a) Leon observed that the plants in pot Y died first. Explain why it was so. (2m)

- b) What is the function of part A of the plant? (1m)

Question Type: Essay

Date Added: Wed 30th Sep 2020

Last Modified: N/A

QID#: 23,982,684

Correctly answered feedback

- a) Plants from Pot Y does not have leaves and cannot trap sunlight to make food for the plants to survive.
- b) Stem/Part A transports water and food to all parts of the plant.

Incorrectly answered feedback

- a) Plants from Pot Y does not have leaves and cannot trap sunlight to make food for the plants to survive.
- b) Stem/Part A transports water and food to all parts of the plant.

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

[Remove From Test](#)

Question 32

Primary 4 Science » Primary 4 Science (Term 2)

0.5 pts

Ramesh wrote some notes on two cards about the digestive system.

Card A

Food moves down this tube into the stomach.

Card B

Food is chewed into smaller pieces in this part of the system.

Name the part of the digestive system that Ramesh wrote about on card A and card B. (1m)

Card A: _____

Accepted answers:

✓ gullet

Question Type: Free Text
Date Added: Wed 30th Sep 2020
Last Modified: N/A
QID#: 23,982,694

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

[Remove From Test](#)

Question 33

Primary 4 Science » Primary 4 Science (Term 2)

0.5 pts

Card B: _____

Accepted answers:

✓ mouth

Question Type: Free Text
Date Added: Wed 30th Sep 2020
Last Modified: N/A
QID#: 23,982,696

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

[Remove From Test](#)

Question 34

Primary 4 Science » Primary 4 Science (Term 2)

0.5 pts

Digested food passes through the walls of the stomach into the blood

A) True

✓ B) False

Question Type: True False
Date Added: Wed 30th Sep 2020
Last Modified: N/A
QID#: 23,982,700

Question 35

Primary 4 Science » Primary 4 Science (Term 2)

0.5 pts

Saliva contains digestive juices to stop digestion

- A) True
✓ B) False

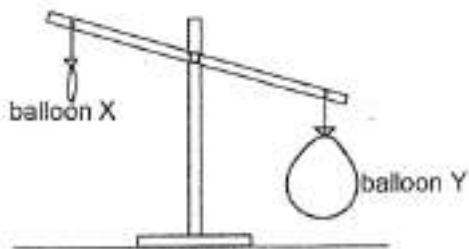
Question Type: True False
Date Added: Wed 30th Sep 2020
Last Modified: N/A
QID#: 23,982,702

Question 36

Primary 4 Science » Primary 4 Science (Term 2)

1 pt

May Ling set up the following experiment using two balloons, X and Y, as shown.



Which balloon, X or Y, has less mass? (1m)

- ✓ A) X
B) Y

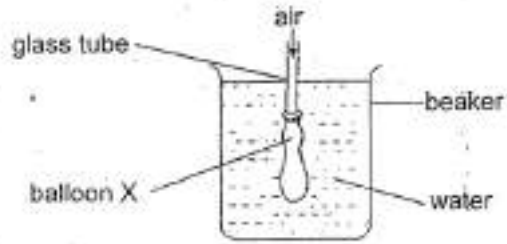
Question Type: Multiple Choice
Randomize Answers: No
Date Added: Wed 30th Sep 2020
Last Modified: N/A
QID#: 23,982,706

Question 37

Primary 4 Science » Primary 4 Science (Term 2)

0 pts

Next, Mei Ling placed the deflated balloon X into a beaker filled with water as shown below. She blew some air into the balloon through the glass tube and the balloon inflated.



She observed that the water in the beaker overflowed. Explain why. (2m)

Question Type: Essay
Date Added: Wed 30th Sep 2020
Last Modified: N/A
QID#: 23,982,717

Correctly answered feedback

b) The air that Mei Ling blew has volume and occupied the space in the beaker. As there was not enough space in the beaker, the water in the beaker was pushed out by the air in the balloon.

Incorrectly answered feedback

b) The air that Mei Ling blew has volume and occupied the space in the beaker. As there was not enough space in the beaker, the water in the beaker was pushed out by the air in the balloon.

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

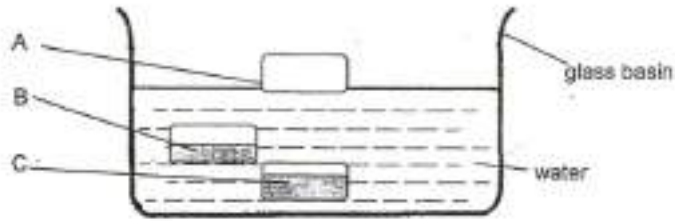
[Remove From Test](#)

Question 38

Primary 4 Science » Primary 4 Science (Term 2)

0 pts

Sam filled three similar containers, A, B and C, with different amounts of water. He placed them in the same glass basin as shown.



He recorded the amount of water in each container in the table shown below.

Container	Amount of water in the container (ml)
A	0
B	30
C	50

What is the relationship between the amount of water in the container and the depth of the container in the glass basin? (1m)

Question Type: Essay
 Date Added: Wed 30th Sep 2020
 Last Modified: N/A
 QID#: 23,982,728

Correctly answered feedback

a) The greater the amount of water in the container, the deeper the container will sink into the glass basin.

Incorrectly answered feedback

a) The greater the amount of water in the container, the deeper the container will sink into the glass basin.

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

[Remove From Test](#)

Question 39

Primary 4 Science » Primary 4 Science (Term 2)

1 pt

Sam filled another similar container, D, fully with water and placed it in the glass basin as shown.



Predict at which position, X, Y or Z, will container D be found? (1m)

- A) X
B) Y
✓ C) Z

Question Type: Multiple Choice
Randomize Answers: No
Date Added: Wed 30th Sep 2020
Last Modified: N/A
QID#: 23,982,734

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

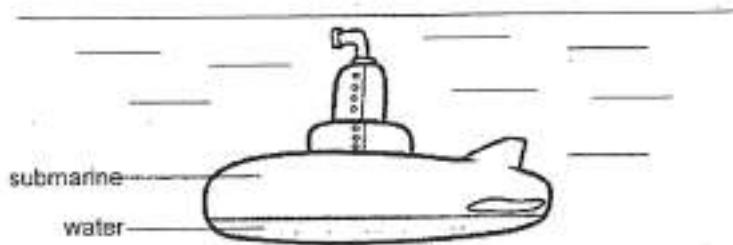
[Remove From Test](#)

Question 40

Primary 4 Science » Primary 4 Science (Term 2)

0 pts

A submarine is a type of boat that can travel underwater in the sea by controlling the amount of water inside the submarine.



Based on Sam's experiment, what could be done to the water in the submarine to help the submarine rise to the surface of the sea? (1m)

Question Type: Essay
Date Added: Wed 30th Sep 2020
Last Modified: N/A
QID#: 23,982,742

Correctly answered feedback

Release/ Remove the water in the submarine

Incorrectly answered feedback

Release/ Remove the water in the submarine

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

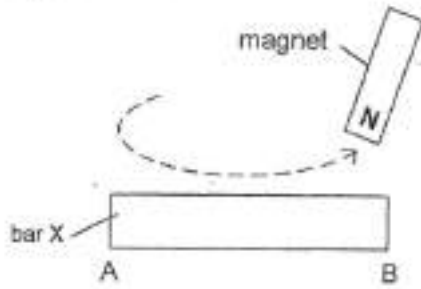
[Remove From Test](#)

Question 41

Primary 4 Science » Primary 4 Science (Term 2)

1 pt

Krishnan magnetised bar X using a bar magnet as shown. He then used bar X to attract some pins.



What was the method that Krishnan used to make a temporary magnet? (1m)

Accepted answers:

- ✓ North Method
- ✓ North

Question Type: Free Text
Date Added: Wed 30th Sep 2020
Last Modified: N/A
QID#: 23,982,755

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

[Remove From Test](#)

Question 42

Primary 4 Science » Primary 4 Science (Term 2)

1 pt

Give an example of a material that bar X should be made of in order for his experiment to work

Accepted answers:

- ✓ steel
- ✓ nickel
- ✓ iron
- ✓ cobalt

Question Type: Free Text
Date Added: Wed 30th Sep 2020
Last Modified: N/A
QID#: 23,982,767

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

[Remove From Test](#)

Question 43

Primary 4 Science » Primary 4 Science (Term 2)

1 pt

Identify what was pole A of bar X

Accepted answers:

- ✓ North
- North pole



Question Type: Free Text
Date Added: Wed 30th Sep 2020
Last Modified: N/A
QID#: 23,982,774

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

[Remove From Test](#)

Question 44

Primary 4 Science » Primary 4 Science (Term 2)

0 pts

Next, Krishnan tested the magnetic strength of bar X by counting the number of pins attracted to bar X. He recorded his results in the table below.

Number of strokes	Number of pins attracted
10	2
15	3
20	6
25	8

Based on the results shown, what could Krishnan conclude from his experiment about the magnetic strength of the magnet? (1m)

Question Type: Essay
Date Added: Wed 30th Sep 2020
Last Modified: N/A
QID#: 23,982,795

Correctly answered feedback

The more the number of strokes on the magnet, the stronger the magnetic strength/magnetism of the magnet

Incorrectly answered feedback

The more the number of strokes on the magnet, the stronger the magnetic strength/magnetism of the magnet

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

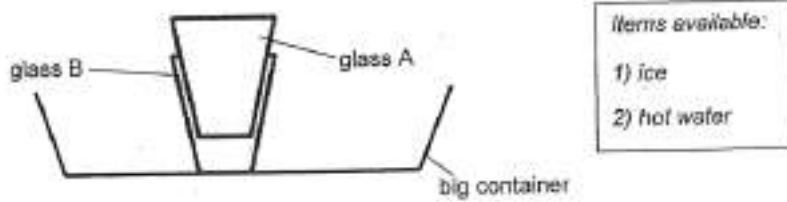
[Remove From Test](#)

Question 45

Primary 4 Science » Primary 4 Science (Term 2)

0 pts

Mrs Lee had problem separating the two glasses, A and B, as they were stuck together.



Using one of the items listed in the box, suggest a way to separate glasses, A and B, quickly. (1m)

Explain your answer in part (a). (1m)

Question Type: Essay
 Date Added: Wed 30th Sep 2020
 Last Modified: N/A
 QID#: 23,982,805

Correctly answered feedback

a) Method 1: Pour hot water into the big container
Method 2: Pour ice into Glass A

b) Method 1: Glass B would gain heat from the hot water and expand.
Method 2: Glass A would lose heat to the ice and contract.

Incorrectly answered feedback

a) Method 1: Pour hot water into the big container
Method 2: Pour ice into Glass A

b) Method 1: Glass B would gain heat from the hot water and expand.
Method 2: Glass A would lose heat to the ice and contract.

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

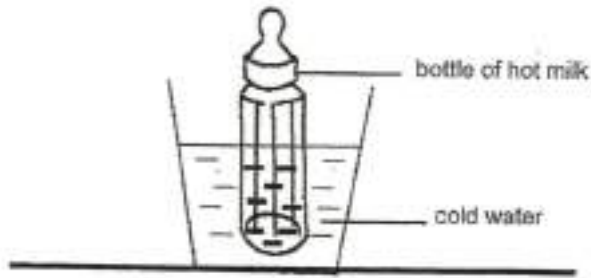
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Question 46

Primary 4 Science » Primary 4 Science (Term 2)

0.5 pts

Robin carried out an experiment as shown. He placed a bottle of hot milk into a glass of cold water.



What would happen to the temperature of the hot milk and cold water? Put a tick (✓) in the correct boxes. (1m)

Temperature of milk:

- A) Increase
 B) Remain the same
 ✓ C) Decrease

Question Type: Multiple Choice
Randomize Answers: No
Date Added: Wed 30th Sep 2020
Last Modified: N/A
QID#: 23,982,820

Correctly answered feedback

Increase

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

[Remove From Test](#)

Question 47

Primary 4 Science » Primary 4 Science (Term 2)

0.5 pts

Temperature of cold water:

- ✓ A) Increase
 B) Remain the same
 C) Decrease

Question Type: Multiple Choice
Randomize Answers: No
Date Added: Wed 30th Sep 2020
Last Modified: N/A
QID#: 23,982,827

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

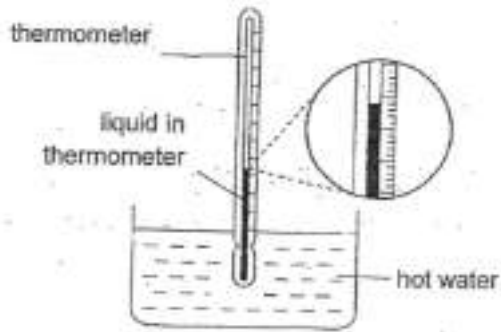
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Question 48

Primary 4 Science » Primary 4 Science (Term 2)

0 pts

Robin conducted another experiment. He dipped a thermometer into a glass of hot water as shown. He noticed that the liquid in the thermometer rose.



Explain why the liquid in the thermometer rose. (1m)

Question Type: Essay
Date Added: Wed 30th Sep 2020
Last Modified: N/A
QID#: 23,982,841

Correctly answered feedback

The liquid in the thermometer gained heat from the hot water and expanded. Hence, the temperature rises.

Incorrectly answered feedback

The liquid in the thermometer gained heat from the hot water and expanded. Hence, the temperature rises.

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

[Remove From Test](#)

Question 49

Primary 4 Science » Primary 4 Science (Term 2)

1 pt

Jamal wanted to conduct an experiment to see if the amount of water affected the amount of heat in the water. He had three set-ups, X, Y, and Z, as shown.



Which two set-ups should he use to carry out a fair experiment? (1m)

- A) Set-up X
- ✓ B) Set-up Y
- C) Set-up Z

Question Type: Multiple Choice
Randomize Answers: No

Date Added: Wed 30th Sep 2020
Last Modified: N/A
QID#: 23,982,856

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

[Remove From Test](#)

Question 50

Primary 4 Science » Primary 4 Science (Term 2)

0.5 pts

Choose the correct box for each of the following variables in order for him to have a fair test

Material of cup

- ✓ **A)** variable to keep the same
B) variable to change

Question Type: Multiple Choice
Randomize Answers: No
Date Added: Wed 30th Sep 2020
Last Modified: N/A
QID#: 23,982,919

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

[Remove From Test](#)

Question 51

Primary 4 Science » Primary 4 Science (Term 2)

0.5 pts

Type of egg:

- ✓ **A)** variable to keep the same
B) variable to change

Question Type: Multiple Choice
Randomize Answers: No
Date Added: Wed 30th Sep 2020
Last Modified: N/A
QID#: 23,982,925

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

[Remove From Test](#)

Question 52

Primary 4 Science » Primary 4 Science (Term 2)

0.5 pts

Amount of water:

- A)** variable to keep the same
✓ **B)** variable to change

Question Type: Multiple Choice
Randomize Answers: No
Date Added: Wed 30th Sep 2020
Last Modified: N/A
QID#: 23,982,929

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

Question 53

Primary 4 Science » Primary 4 Science (Term 2)

0.5 pts

Location to place the cups:

- ✓ A) variable to keep the same
- B) variables to change

Question Type: Multiple Choice
Randomize Answers: No
Date Added: Wed 30th Sep 2020
Last Modified: N/A
QID#: 23,982,935

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

Question 54

Primary 4 Science » Primary 4 Science (Term 2)

0 pts

Based on the experiment, which set-up X, Y or X has the egg that was the most cooked? Explain why?

Question Type: Essay
Date Added: Wed 30th Sep 2020
Last Modified: N/A
QID#: 23,982,950

Correctly answered feedback

Set-up Z. It has the most amount of water at the highest temperature. Hence, the water had the most amount of heat.

Incorrectly answered feedback

Set-up Z. It has the most amount of water at the highest temperature. Hence, the water had the most amount of heat.

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