

Tests Edit Test







Tests Groups Link

Primary 6 Science (Term 2) - Red Swastika (Y0) >

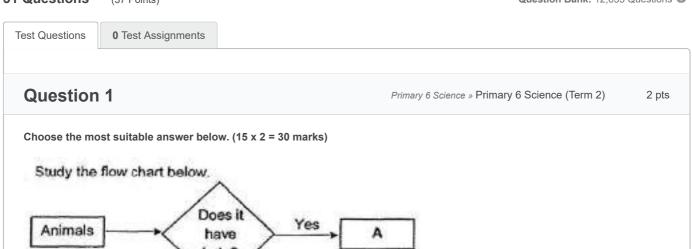


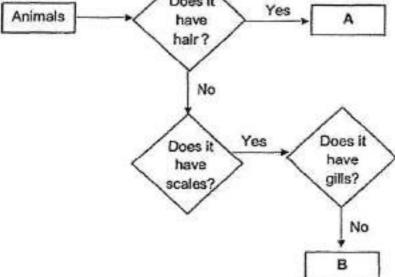
Test Introduction

+ Add Introduction

31 Questions (37 Points)

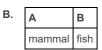
Question Bank: 12,655 Questions @



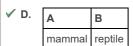


Which of the following is classified correctlyfor group A and B?

A. A B insect reptile







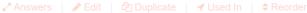
Randomize Answers: No

Date Added: Thu 30th Sep 2021

Last Modified: N/A QID#: 29,184,914







Question 2

Primary 6 Science » Primary 6 Science (Term 2)

2 pts

Which statement is correct about the fern and the mushroom?

- A. They grow only on the ground.
- They are non-flowering plants.
- ✓ C. They reproduce from spores.
 - D. They make their own food.

Question Type: Multiple Choice

Randomize Answers: No

Date Added: Thu 30th Sep 2021

Last Modified: N/A QID#: 29,184,922







Question 3

Primary 6 Science » Primary 6 Science (Term 2)

2 pts

Aminah wanted to find out how the length of the wing-like structure affects the distance travelled by the seeds.



Which of the following should be kept constant to ensure a fair test?

- A: location of the experiment
- B: length of the wing-like structure
- C: height from which the seeds were dropped

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

Randomize Answers: No

Thu 30th Sep 2021 Date Added:

Last Modified: N/A QID#: 29,184,927

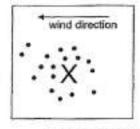


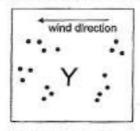
Question 4

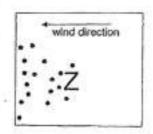
Primary 6 Science » Primary 6 Science (Term 2)

2 pts

Study the dispersal of seeds by plants X, Y and Z.







How are their seeds most likely dispersed?

- A. X animal explosive action wind
- **✓** B. X Z explosive action animal wind
 - C. X Z animal wind explosive action
 - D. X Z wind animal explosive action

Question Type: Multiple Choice

Randomize Answers: No

Date Added: Thu 30th Sep 2021

Last Modified: N/A 29,184,938 QID#:



Question 5

Primary 6 Science » Primary 6 Science (Term 2)

2 pts

Bryan observed two cells, X and Y, under the microscope. He completed the table below. A tick (v) indicates that the part was observed in the cell.

Parts of cell	Cell X	Cell Y
nucleus	1	1 1
cell wall		1
cytoplasm	1	1
chloroplasts		LIE LOW-
cell membrane	√	1

Which of the following shows the correct classification?

- Cell X Cell Y cheek leaf
- Cell X Cell Y root cheek
- C. Cell X Cell Y onion cheek
- **✓** D. Cell X Cell Y cheek onion

Question Type: Multiple Choice

Randomize Answers: No

Date Added: Thu 30th Sep 2021

Last Modified: N/A QID#: 29,184,950

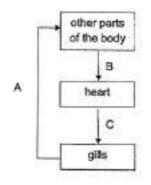


Primary 6 Science » Primary 6 Science (Term 2)

2 pts

The diagram below shows the circulatory system in a fish and human.

✓ Answers | ✓ Edit | 🗗 Duplicate | 🗸 Used In | 💠 Reorder



other parts of the body D E heart G F

Circulatory system of a fish

Circulatory system of a human

Which one of the following identifies oxygen-rich blood and carbon dioxide-rich blood at the different parts correctly?

✓ A.

Oxygen-rich blood	Carbon dioxide-rich blood
A, D, G	B, C, E, F

B.	Oxygen-rich blood	Carbon dioxide-rich blood	
	B, C, D, G	A, E, F	

C.	Oxygen-rich blood	Carbon dioxide-rich blood
	C, G	A, B, E, D, F

D.	Oxygen-rich blood	Carbon dioxide-rich blood	
	A, E, F	B, C, D, G	

Question Type:

Multiple Choice

Randomize Answers: No

Date Added:

Thu 30th Sep 2021

Last Modified: OID#:

N/A

29,184,965





Question 7

Primary 6 Science » Primary 6 Science (Term 2)

2 pts

Which of the following is produced by green plants during photosynthesis?

B: oxygen

C: carbon dioxide

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:

Thu 30th Sep 2021

Last Modified: QID#:

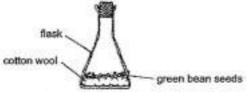
N/A 29,184,973

Question 8

Primary 6 Science » Primary 6 Science (Term 2)

2 pts

David set up the following experiment using green bean seeds.



Which of the following conditions should be choose in order to have the seedlings with the thinnest stems at the end of his experiment?

A.	Location	Type of cotton wool	Number of green bean seeds
	in the garden	moist	6

B.	Location	Type of cotton wool	Number of green bean seeds
	in a dark cupboard	dry	30

C.	Location	Type of cotton wool	Number of green bean seeds
	in the refrigerator	dry	6

✓ D.	Location	Type of cotton wool	Number of green bean seeds
	near the window	moist	30

Randomize Answers: No

Thu 30th Sep 2021 Date Added:

Last Modified: N/A QID#: 29,184,990

✓ Answers | Ø Edit | 🖰 Duplicate | 🖊 Used In | 💠 Reorder

Question 9

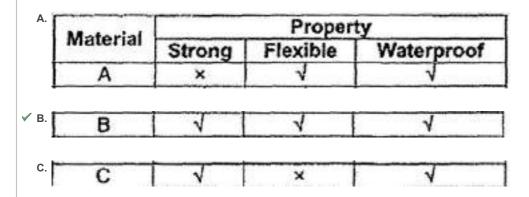
Primary 6 Science » Primary 6 Science (Term 2)

2 pts

Rain boots are worn to protect the person from getting their feet wet when he/she walks in heavy rain.



Based on the properties shown below, which material is most suitable for making the rain boots?





Randomize Answers: No

Date Added: Thu 30th Sep 2021

Last Modified: N/A QID#: 29,185,030

Question 10

Primary 6 Science » Primary 6 Science (Term 2)

2 pts

Which of the following about condensation and evaporation in the water cycle is not correct?

- Evaporation occurs at a fixed temperature.
 - Condensation happens when water vapour loses heat.
 - C. Evaporation is affected by the temperature of the surroundings.
 - D. Condensation causes the formation of clouds.

Multiple Choice Question Type:

Randomize Answers: No

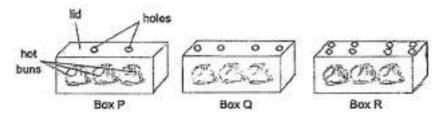
Date Added: Thu 30th Sep 2021

Last Modified: N/A QID#: 29.185.041

Question 11

Primary 6 Science » Primary 6 Science (Term 2)

Martin put three identical hot buns, of the same temperature, into three identical boxes,P,Q and R. The number of holess on the lid of the boxes are different.



Based on information above, which of the following statements is correct?

- Water droplets formed on the inner surface of the box lids for P and Q only.
- The holes allow all the water droplets in the box to escape to the surrounding air outside
- ✓ C. The most amount of water droplets dripped from the inner surface of the box lid onto the
 - D. The most amount of water droplets dripped from the inner surface of the box lid onto the buns in box R.

Randomize Answers: No

Thu 30th Sep 2021 Date Added:

Last Modified: N/A QID#: 29,185,059

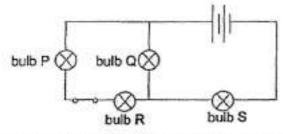


Question 12

Primary 6 Science » Primary 6 Science (Term 2)

2 pts

The diagram shows the arrangement of four bulbs in a circuit.



Which of the following bulbs can be turned on or off using the switch?

- A. Q and S only
- B. Q and R only
- ✓ C. P and R only
 - D. P, Q and R only

Question Type:

Multiple Choice

Randomize Answers: No

Date Added:

Thu 30th Sep 2021

Last Modified:

N/A

QID#: 29,185,066





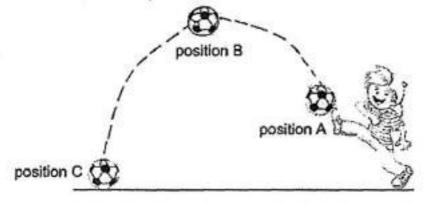


Question 13

Primary 6 Science » Primary 6 Science (Term 2)

2 pts

Ramesh kicked a ball upwards.



At which position(s) did gravitational force act on the ball?

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

Randomize Answers: No

Date Added: Thu 30th Sep 2021

Last Modified: N/A QID#: 29,185,081





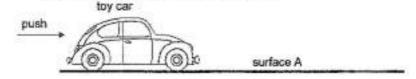


Question 14

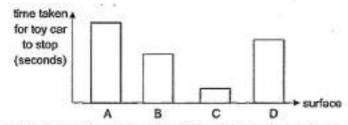
Primary 6 Science » Primary 6 Science (Term 2)

2 pts

Ahmad pushed his toy car across surface A.



He repeated the experiment by using the same amount of force on the toy car on three other different surfaces, B, C and D. The time taken for the toy car to come to a complete stop is recorded and shown below.



Based on information above, which of the following statements are correct?

- A: Surface C is the smoothest.
- B: Surface D is rougher than surface A but smoother than surface C.
- C: The frictional force between the toy car and surface A is the least.
- D: There is no frictional force acting between the toy car and surface C.
- A. A and B only
- ✓ B. B and C only
 - C. B and D only
 - D. A, B and C only

Question Type: Multiple Choice

Randomize Answers: No

Date Added: Thu 30th Sep 2021

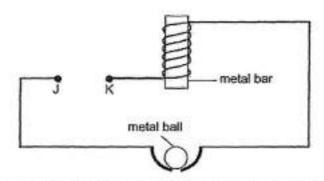
Last Modified: N/A QID#: 29,185,091



🎤 Answers 📗 🌶 Edit 📗 🔁 Duplicate 📗 🔰 Used In 📗 🛊 Reorder

Question 15

A wire was coiled around a metal bas as shown below. At first, the metal ball did not move.



When a battery was placed in between points J and K, the metal ball moved towards the metal bar before dropping back down. This was repeated until the battery was removed.

What can be concluded based on the information above?

- A: The metal bar was a permanent magnet.
- The metal ball was made of a magnetic material.
- C: The metal ball dropped down as there was a closed circuit.
- ✓ A. B only
 - B. A and C only
 - C. A and B only
 - D. B and C only

Question Type:

Multiple Choice

Randomize Answers: No

Date Added:

Thu 30th Sep 2021

Last Modified: QID#:

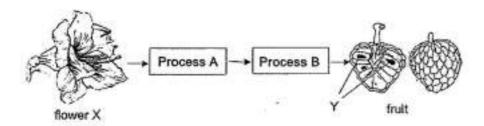
N/A 29,185,095

Question 16

Primary 6 Science » Primary 6 Science (Term 2)

0.5 pts

The diagram below shows how a fruit is formed from flower X.



State process A.

Accepted answers:

✓ Pollination

Question Type: Free Text

Date Added: Thu 30th Sep 2021

Last Modified: N/A QID#: 29,185,101

Answers |

Edit |

Duplicate |

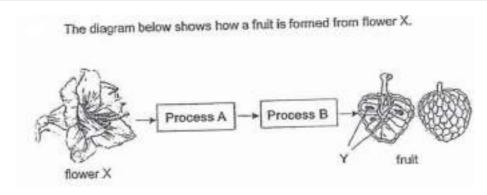
Used In |

Reorder

Question 17

Primary 6 Science » Primary 6 Science (Term 2)

0.5 pts



State process B.

Accepted answers:

✓ Fertilisation

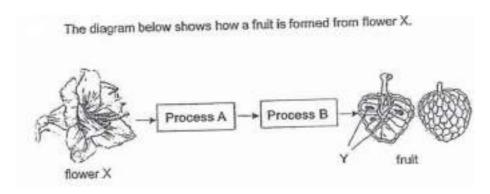
Question Type: Free Text Thu 30th Sep 2021 Date Added:

Last Modified: N/A QID#: 29,185,105

Question 18

Primary 6 Science » Primary 6 Science (Term 2)

1 pt



Which part of the flower did part Y of the fruit developed from?

Accepted answers:

✓ Ovules

Question Type: Free Text

Date Added: Thu 30th Sep 2021

Last Modified: N/A
QID#: 29,185,112

∡* Answers |

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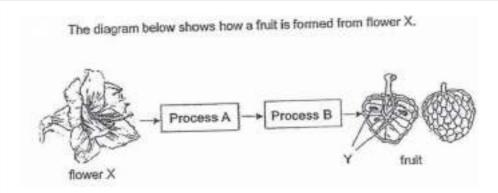
Reorder

Remove From Test

Question 19

Primary 6 Science » Primary 6 Science (Term 2)

0 pts



The picture shows organism Z, interacting with flower X.



Describe how organism Z helps in process A (2m)

This question 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.

Question Type: Essay

Date Added: Thu 30th Sep 2021

Last Modified: N/A
QID#: 29,185,126

Correctly answered feedback

Organism Z helps to pollinate flower X when its body rubs on the anthers of flower X and the pollen grains stick onto its body. Thereafter, organism Z moves on to another flower and pollinates the flower when its body brushes on the stigma of the flower.

Incorrectly answered feedback

Organism Z helps to pollinate flower X when its body rubs on the anthers of flower X and the pollen grains stick onto its body. Thereafter, organism Z moves on to another flower and pollinates the flower when its body brushes on the stigma of the flower.

∡* Answers |

Edit | ② Duplicate | ✓ Used In |
Reorder

Remove From Test

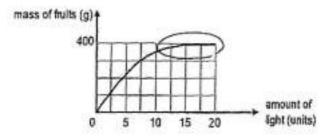
Question 20

Primary 6 Science » Primary 6 Science (Term 2)

0 pts

Peter conducted an experiment to investigate how the amount of light affected the mass of fruits in plant X over a period of time.

The graph below shows the result of the experiment.



Based on the graph, state how the amount of light affected the mass of fruits produced by plant X. (2 marks)

This question 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.

Question Type: Essay

Date Added: Thu 30th Sep 2021 Last Modified: Thu 30th Sep 2021 QID#: 29,185,138

Correctly answered feedback

As the amount of light increased to 15 units, the mass of fruits increased. When the amount of light was 15 units and more, the mass of fruits remained the same.

Incorrectly answered feedback

As the amount of light increased to 15 units, the mass of fruits increased. When the amount of light was 15 units and more, the mass of fruits remained the same.

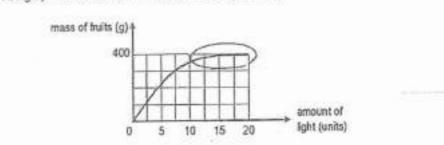
Question 21

Primary 6 Science » Primary 6 Science (Term 2)

0 pts

Peter conducted an experiment to investigate how the amount of light affected the mass of fruits in plant X over a period of time.

The graph below shows the result of the experiment.



Peter decreased the amount of carbon dioxide used in the experiment. Explain what would happen to the mass of the fruits after some time. (2 marks)

This question 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.

Question Type: Essay

Thu 30th Sep 2021 Date Added:

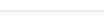
Last Modified: N/A QID#: 29,185,153

Correctly answered feedback

Mass of the fruits will decrease. With less carbon dioxide, the rate of photosynthesis will decrease. The plant made less food. Less food would be transported to the fruit and stored in the fruit.

Incorrectly answered feedback

Mass of the fruits will decrease. With less carbon dioxide, the rate of photosynthesis will decrease. The plant made less food. Less food would be transported to the fruit and stored in the fruit.



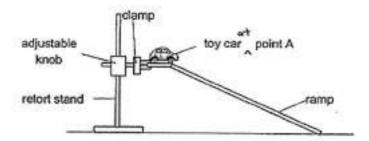
🛂 Answers 📗 🖋 Edit 📗 🔁 Duplicate 📗 🖊 Used In 📗 🖨 Reorder

Question 22

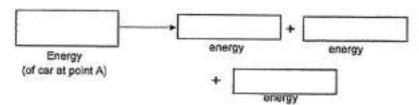
Primary 6 Science » Primary 6 Science (Term 2)

0 pts

Jerome wanted to find out how the mass of a car affects the time taken for it to reach the bottom of a ramp. He set up the experiment below and gave the car a gentle push to let it move down the ramp.



Fill in the boxes to show the energy conversion in the car as it moves down the ramp. (1m)



This question 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.

Question Type: Essay

Thu 30th Sep 2021 Date Added:

Last Modified: N/A QID#: 29,185,221

Correctly answered feedback

Gravitational Potential -----> Kinetic + Heat + Sound

Incorrectly answered feedback

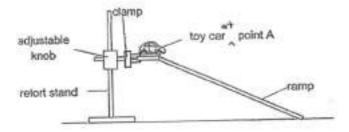
Gravitational Potential -----> Kinetic + Heat + Sound

Question 23

Primary 6 Science » Primary 6 Science (Term 2)

0 pts

Jerome wanted to find out how the mass of a car affects the time taken for it to reach the bottom of a ramp. He set up the experiment below and gave the car a gentle push to let it move down the ramp.



Without changing or adding any new apparatus or materials, state what he could do to make the car move down the ramp faster using the same force. (1 mark)

This question 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.

Question Type: Essay

Date Added: Thu 30th Sep 2021

Last Modified: N/A QID#: 29,185,287

Correctly answered feedback

Shift the adjustable knob to a higher position to raise the ram.

Incorrectly answered feedback

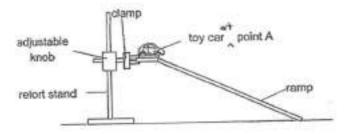
Shift the adjustable knob to a higher position to raise the ram.

Question 24

Primary 6 Science » Primary 6 Science (Term 2)

0 pts

Jerome wanted to find out how the mass of a car affects the time taken for it to reach the bottom of a ramp. He set up the experiment below and gave the car a gentle push to let it move down the ramp.



Explain your answer in the previous question. (1 mark)

This question 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.

Question Type: Essay

Date Added: Thu 30th Sep 2021

Last Modified: N/A
QID#: 29,185,382

Correctly answered feedback

When the slope is steeper, the car is higher, resulting in it having more gravitational potential energy, thus, more gravitational potential energy will be converted to more kinetic energy.

Incorrectly answered feedback

When the slope is steeper, the car is higher, resulting in it having more gravitational potential energy, thus, more gravitational potential energy will be converted to more kinetic energy.

Answers | A Edit | Duplicate | ✓ Used In | ♦ Reorder

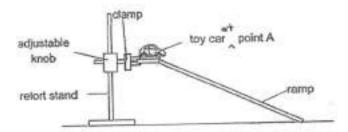
Remove From Test

Question 25

Primary 6 Science » Primary 6 Science (Term 2)

0 pts

Jerome wanted to find out how the mass of a car affects the time taken for it to reach the bottom of a ramp. He set up the experiment below and gave the car a gentle push to let it move down the ramp.



Jerome repeated the experiment by applying a layer of oil on the surface of the ramp. Explain what will happen to the time taken for the toy car to reach the bottom of the ramp. (1 mark)

This question 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.

Question Type: Essay

Date Added: Thu 30th Sep 2021

Last Modified: N/A QID#: 29,185,390

Correctly answered feedback

The time taken will be less. There is less friction between the car and the surface of the ramp.

Incorrectly answered feedback

The time taken will be less. There is less friction between the car and the surface of the ramp.

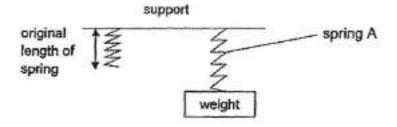


Primary 6 Science » Primary 6 Science (Term 2)

emove From Test

1 pt

A weight is hung on spring A as shown below.



Name the force acting on the weight when it is hung on the srping. (1 mark)

Accepted answers:

✓ Gravitational force

Question Type: Free Text

Date Added: Thu 30th Sep 2021 Last Modified: N/A

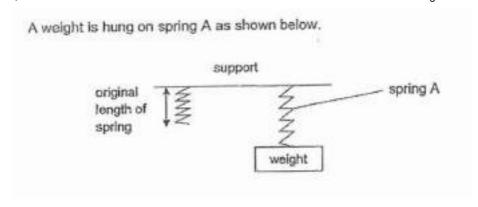
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🖍 Answers | 🖋 Edit | 省 Duplicate | 🔰 Used In | 💠 Reorder

Question 27

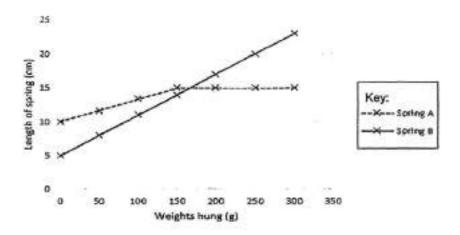
Primary 6 Science » Primary 6 Science (Term 2)

1 pt



Five more identical weights were hung on spring A, one by one. The length of spring A was measured and recorded. The experiment was repeated using spring B.

The graph shows the results obtained.



What is the original length of spring A?

Accepted answers:

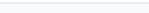
- √ 10 cm
- **1**0
- ✓ 10cm

Question Type: Free Text

Date Added: Thu 30th Sep 2021

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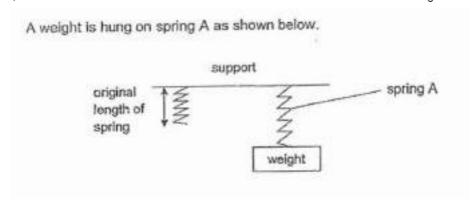
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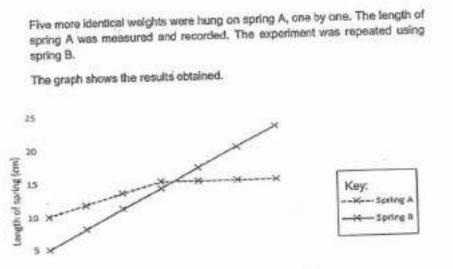


Question 28

Primary 6 Science » Primary 6 Science (Term 2)

2 pts





Which spring is more suitable for measuring objects weighing 250 g? Explain your answer. (2 marks)

150 200 Weights hung (g)

Accepted answers:

✓ Spring B

✓ B

Question Type: Free Text

Date Added: Thu 30th Sep 2021

 Last Modified:
 N/A

 QID#:
 29,185,418

Correctly answered feedback

Spring B can stretch to measure but spring A cannot.

Incorrectly answered feedback

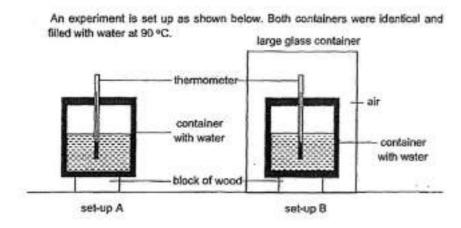
Spring B can stretch to measure but spring A cannot.

Answers | A Edit | A Duplicate | ✓ Used In | ♦ Reorder Remove From Test

Question 29

Primary 6 Science » Primary 6 Science (Term 2)

1 pt



In which set-up, A or B, will the water be at a higher temperature after 30 minutes? (1 mark)

Accepted answers:

- ✓ Setup B
- ✓ Set up B
- ✓ B

Question Type: Free Text

Date Added: Thu 30th Sep 2021

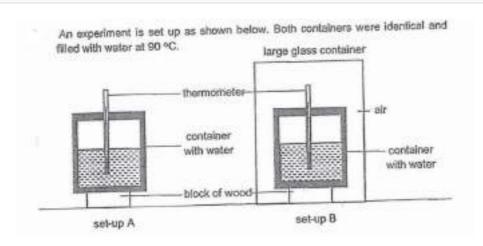
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QID#: 29,185,429

Remove From Test

Question 30

Primary 6 Science » Primary 6 Science (Term 2)

0 pts



Explain your answer in the previous question. (2 marks)

This question 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.

Question Type: Essay

Date Added: Thu 30th Sep 2021

 Last Modified:
 N/A

 QID#:
 29,185,435

Correctly answered feedback

The layer of air is a poor conductor of heat and reduces heat loss from the water to the surroundings.

Incorrectly answered feedback

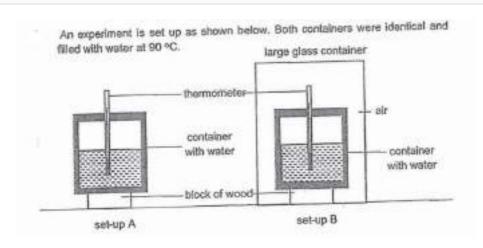
The layer of air is a poor conductor of heat and reduces heat loss from the water to the surroundings.

∡^a Answers | 🎤 Edit | 😩 Duplicate | 🔰 Used In |

Question 31

Primary 6 Science » Primary 6 Science (Term 2)

0 pts



What will happen to the temperature of water in both set-ups after one day? (1 mark)

This question 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.

Question Type: Essay

Date Added: Thu 30th Sep 2021

Last Modified: N/A QID#: 29,185,444

Correctly answered feedback

They will both lose heat and reach room temperature.

Incorrectly answered feedback

They will both lose heat and reach room temperature.

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