

كل ما يحتاجه الطالب في جميع الصفوف من أوراق عمل واختبارات ومذكرات، يجده هنا في الروابط التالية لأفضل مواقع تعليمي إماراتي 100 %

<u>تطبيق المناهج الإماراتية</u>	<u>الاجتماعيات</u>	<u>الرياضيات</u>
<u>الصفحة الرسمية على التلغرام</u>	<u>الاسلامية</u>	<u>العلوم</u>
<u>الصفحة الرسمية على الفيسبوك</u>	<u>الانجليزية</u>	
<u>التربية الاخلاقية لجميع الصفوف</u>	<u>اللغة العربية</u>	
<u>التربية الرياضية</u>		
<b>مجموعات التلغرام.</b>	<b>مجموعات الفيسبوك</b>	<b>قنوات تلغرام</b>
<u>الصف الأول</u>	<u>الصف الأول</u>	<u>الصف الأول</u>
<u>الصف الثاني</u>	<u>الصف الثاني</u>	<u>الصف الثاني</u>
<u>الصف الثالث</u>	<u>الصف الثالث</u>	<u>الصف الثالث</u>
<u>الصف الرابع</u>	<u>الصف الرابع</u>	<u>الصف الرابع</u>
<u>الصف الخامس</u>	<u>الصف الخامس</u>	<u>الصف الخامس</u>
<u>الصف السادس</u>	<u>الصف السادس</u>	<u>الصف السادس</u>
<u>الصف السابع</u>	<u>الصف السابع</u>	<u>الصف السابع</u>
<u>الصف الثامن</u>	<u>الصف الثامن</u>	<u>الصف الثامن</u>
<u>الصف التاسع عام</u>	<u>الصف التاسع عام</u>	<u>الصف التاسع عام</u>
<u>الصف التاسع متقدم</u>	<u>الصف التاسع متقدم</u>	<u>الصف التاسع متقدم</u>
<u>الصف العاشر عام</u>	<u>الصف العاشر عام</u>	<u>الصف العاشر عام</u>
<u>الصف العاشر متقدم</u>	<u>الصف العاشر متقدم</u>	<u>الصف العاشر متقدم</u>
<u>الحادي عشر عام</u>	<u>الحادي عشر عام</u>	<u>الحادي عشر عام</u>
<u>الحادي عشر متقدم</u>	<u>الحادي عشر متقدم</u>	<u>الحادي عشر متقدم</u>
<u>ثاني عشر عام</u>	<u>الثاني عشر عام</u>	<u>الثاني عشر عام</u>
<u>ثاني عشر متقدم</u>	<u>ثاني عشر متقدم</u>	<u>ثاني عشر متقدم</u>

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Subject: Science

GLOBAL E ENGLISH SCHOOL, AL AIN  
Revision Cycle Test (2<sup>nd</sup> Trimester 2018)



Name \_\_\_\_\_

Grade 5 \_\_\_\_\_

Date: \_\_\_\_\_

**Q1. Describe** the changes in the pictures. Try to use scientific words in your descriptions.

**Write** what has caused each change.

**Circle** the changes that are reversible.



Reversible  
(HEAT)



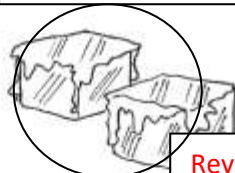
Reversible (movement of particles)



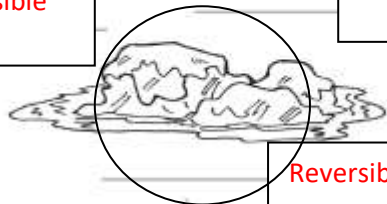
Reversible  
(heat)



Reversible  
(heat)



Reversible (heat)



Reversible (heat)

 Melting ice cream	 Burning wood
 Melting ice cubes	 Dissolving salt in water
 Freezing water	 Making bread
 Frying pancakes	 Baking a cake

**Q2.** Look at the pictures below.

**a) Write the irreversible changes.**

- **Frying pancakes**
- **Baking a cake**
- **Burning wood** \* making bread

b) Choose 2 irreversible changes and describe these changes. *(Answers may vary)*

1. Burning paper and it will change into ash.

2.....  
.....  
.....

c) This is a pile of paper ready to make a fire. When you burn the paper in what way does it change?

The paper will turn into ash.

Is this an irreversible change? Explain your answer.

Yes. Because new substance is formed.



Q3. Fill in the correct methods to separate the following mixtures:

Materials to be separated	Method of separation
Magnetic materials from non-magnetic materials.	magnetism
Separating mixtures by hand.	handpicking
Separating a mixture made of solid particles of different sizes.	sieving

b) Name the method to separate the mixtures of solids.



magnetism



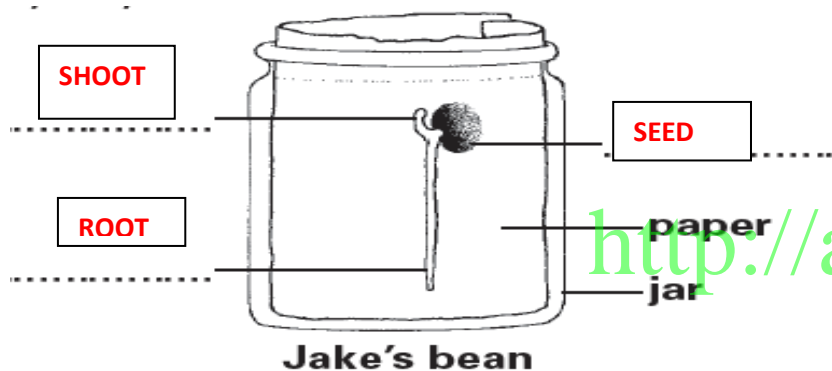
handpicking



sieving

**Q4.** Ann and Jake investigate how beans germinate and grow. They each put a bean seed in a jar with paper. They observe their bean seeds for 12 days. Ann does **not** water her bean seed.

- a) Tick **ONE** box to predict how long the root and shoot of Ann's seed will be if she **never** waters it.
- b) Jake waters his bean seed every day. Label the diagram of Jake's bean.



Length of root: 1 cm

Length of shoot: 4 cm

Length of root: 4 cm

Length of shoot: 1 cm

Length of root: 0 cm

Length of shoot: 4 cm

Length of root: 0 cm

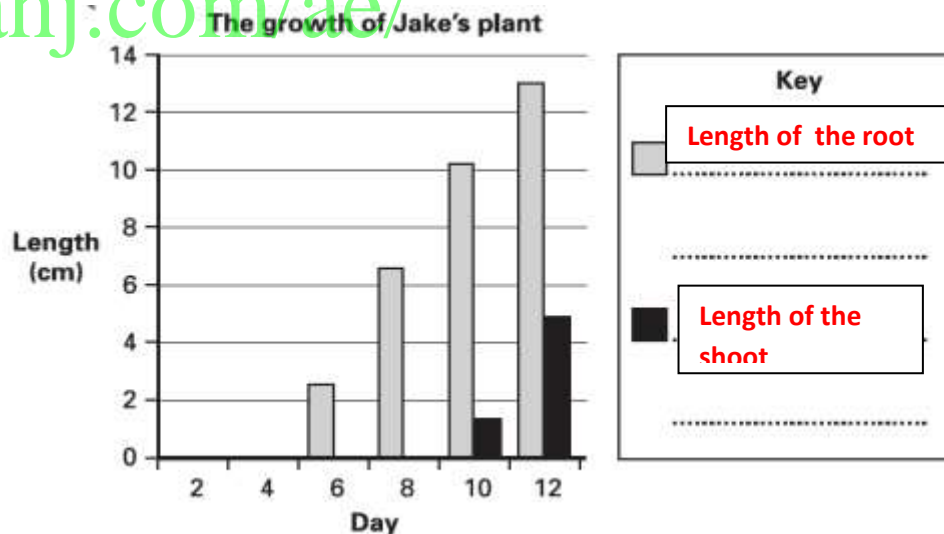
Length of shoot: 0 cm

c) Jake measures the lengths of the root and shoots and records these in a table.

Day	2	4	6	8	10	12
Length of root (cm)	0	0	2.5	6.6	10.2	13.0
Length of shoot (cm)	0	0	0	0	1.4	5.0

On which day did Jake **record** that his bean seed had germinated?  
**Day 6**

- a) Jake uses the information from his table to draw a bar graph. Use the table to complete Jake's key to show what the grey and black bars on the graph mean.



Q5. Oak trees produce acorns. New oak trees grow from the acorn seeds.



acorn



acorn seed is germinating

a) Look at the picture of the acorn seed germinating. Tick **ONE** box to show which part of the plant comes out of the acorn seed first as it germinates.

Leaf       stem       root       petal

b) The jay is a bird. It collects acorns from oak trees and buries them in the ground to eat later. Sometimes the jay does not go back for the acorns. The jay helps part of the oak tree's life cycle. Which part of the oak tree's life cycle does the jay help? Tick **ONE** box.

pollination       seed dispersal   
 growth       seed production

c) Name the 4 methods of seed dispersal

By:

1. Animals    2. Water    3. Wind    4. Explosion

d) In your own words, what is the meaning of the term **seed dispersal**?  
**When seeds are spread or scattered away from the plant where they formed.**

Q2. The pictures show 6 different seeds.



A



B



C



D



E



F

Use the key to identify seeds.

1	Seed dispersed by wind	Go to 2
	Seed dispersed by animal	Go to 3

2	Has hairy parachute	Dandelion
	It has wings	Sycamore

3	Fleshy fruit	Apple
	Have hooks	Burdock

a) Seed **B** is .....**BURDOCK**.....

Seed **F** is .....**DANDELION**.....

Reminder

These are guidelines for the examination to revise your lesson but not exactly the same in the given test.

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