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| Name: | | Hocine Dahmani Middle School, Errich -Bouira |
|---|---|---|
| Level: 3 MSY----- | SECOND TERM EXAM | Monday, 26th February, 2018 |

Isaac Newton was born in Lincolnshire, England in 1643, where he grew up on a farm. When he was a boy, he made lots of brilliant inventions like a windmill to grind corn, a water clock and a sundial. However, Isaac didn't get brilliant marks at school.

When he was 18, Isaac went to study at Cambridge University. He was very interested in physics, mathematics and astronomy. But in 1665 the Great Plague, which was a terrible disease, spread in England, and Cambridge University had to close down. Isaac returned home to the farm.

Isaac continued studying and experimenting at home. One day he was drinking a cup of tea in the garden. He saw an apple fall from a tree. 'Why do apples fall down instead of up?' From this, he formed the theory of gravity. Gravity is an invisible force which pulls objects towards Earth and keeps the planets moving around the Sun. Isaac was fascinated by light. He discovered that light is in fact made up of all the colours of t he rainbow. Isaac also invented a special reflecting telescope, using mirrors. It was much more powerful than other telescopes.

Isaac made another very important discovery, which he called his 'Three Laws of Motion'. These laws explain how objects move. Isaac's laws are still used today for sending rockets into space. Sir Isaac Newton died in 1727 aged 84.He was buried along with English kings and queens in Westminster Abbey in London. He was one of the greatest scientists and mathematicians who has ever lived.

https://learnenglishkids.britishcouncil.org/en/short-stories/isaac-newton

## ***Reading Comprehension (07 pts.):***

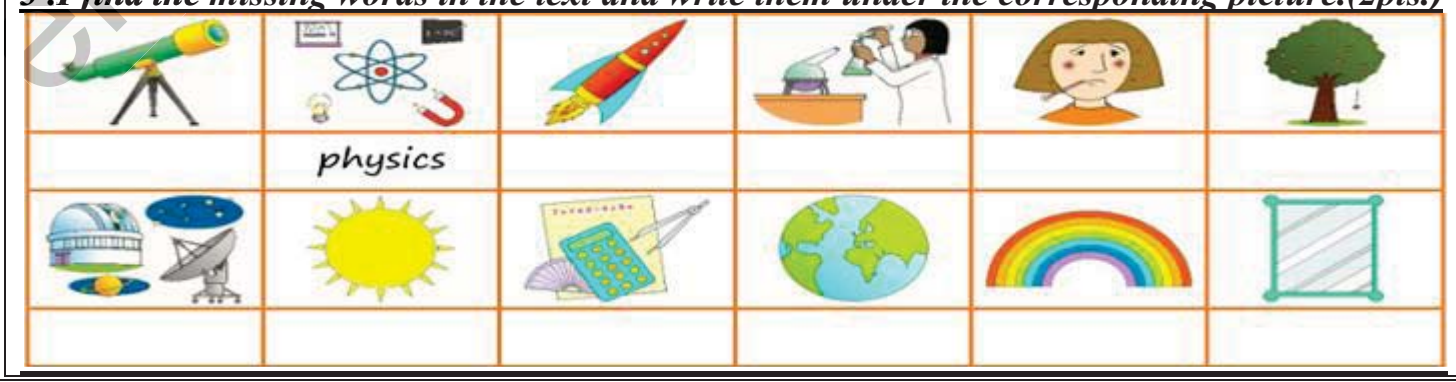
***1. I read the text carefully, then fill in this ID card about Newton .(2 pts.):***

| *Name of scientist* | *Date & Place of birth* | *Fields of study* | *Discoveries* | *Inventions* |
|---|---|---|---|---|
| Isaac Newton | | | | |

***2. I read the text again and write 'true' or 'false'.(3pts.)***

*a. When he was a boy, Isaac invented a windmill, a water clock and a sundial. _____*
*b. He was very interested in physics, mathematics and astronomy. _____*
*c. Cambridge University closed down because of a party. _____*
*d. He formed the theory of gravity after he saw an orange fall from a tree. _____*
*e. Gravity is an invisible force which pulls objects towards the Earth. _____*
*g. He was one of the greatest scientists and mathematicians who have ever lived. _____*

***3 .I find the missing words in the text and write them under the corresponding picture.(2pts.)***






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## B/ Mastery of Language (07 pts.)

**1.I write the jobor occupation noun forms of the following words by adding suffixes.(2pts.)**

*Teach/teach**er** ; science/ scien____ ; music/music____ ; invent/ invent__ ; justice/ ju____*

**2.I write the correct form of the verbs in brackets.I use the past (simple /continuous)(3pts.)**

*One day , while he (to drink) a cup of tea in the garden, an apple (to fall) on his head, and he (to understand) gravity.*

**3. Sounds:**

**I read the words and tick ( )the correct pronunciation of the letters in bold.(2pts.)**

| | | | |
|---|---|---|---|
| a) discover**ed** | ☐ | ☐ | ☐ |
| b) a cup o**f** tea | ☐ | ☐ | |
| c) invent**ed** | ☐ | ☐ | |
| d) **ph**ysics | ☐ | | |

## C) Situation of Integration (06pts.)

-Your physics teacher told you about Isaac Newton's story and his inventions.Now, your history teacher wants you to tell him the story.
-Reorder the following sentences using numbers in the boxes.The first one is done for you

1 2 3

2. What's the order?

Listen to the story and put the sentences in order.

| | |
|---|---|
| | He went to study at Cambridge University, but it closed down. |
| | He discovered that white light is made up of all the colours of the rainbow. |
| 1 | Isaac Newton was born in England in 1643. |
| | He formed the theory of gravity. |
| | When he was a boy, he made lots of brilliant inventions. |
| | He died in 1727 aged 85. |
| | He continued studying and experimenting at home. |
| | He also made a very important discovery called his 'Three Laws of Motion'. |

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♡ Your teacher of English, Mr Mohamed Abba loves you and wishes you all the best.♡



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