



UNIDAD EDUCATIVA "MARIANO BENÍTEZ TORRES"  
**HOMEWORK #2**  
**2021-2022**

Name: \_\_\_\_\_ Grade: \_\_\_\_\_

- Instructions to Students
- Write your name
- Read the instructions for each part of the activity .
- Answer all the questions
- You must complete the answer sheets within the time limit.

**A.- Activity at home** (Actividad en casa )

**DATE:** October 11-15

**Topic:** El tren del retorno

**Activity:** Read the text. Choose true or false. Match de word with the correct description

Leer el texto. Seleccionar Verdadero o Falso Emparejar la palabra con su definición

### Origin of the Universe and the Planet



*What is the universe? It consists of everything we call matter, stars, galaxies and others, but surprisingly only 10% of it is matter and 90% is dark space.*

The most accepted theory that explains the origin of the universe states that it all **started** 14 billion years ago. Back then, there was a **tiny** particle, like an atom, which was very hot and dense. This particle **exploded** causing the universe to form; **matter** started to expand and **created** millions of galaxies. The galaxy we live in is called the Milky Way.

Our planet is approximately 4.5 billion (4,567,000,000) years old. Its origin is still a mystery today, but some theories exist. The "Core Accron Theory" states that at the beginning, our solar system **was** rotating **dust** and gases. Then, the primitive sun's gravity **attracted** these materials and they all started **spinning** around it. Some clouds **formed** and **became** solids. Our planet was formed by a solid metal core, a liquid **mantle** and a thin but hard crust.

**B.-** Decide if the following statements are True (T) or False (F) according to the reading.

1. The origin of the universe states that it all started 14 billion years ago	<b>True</b>	<b>False</b>
2. The atom exploded causing the universe to form; matter started to expand and created millions of galaxies.	<b>True</b>	<b>False</b>
3. The galaxy we live in is called the Milky Way	<b>True</b>	<b>False</b>
4. . Our planet is approximately 5.4billion (4,567,000,000) years old	<b>True</b>	<b>False</b>
5. Our planet was formed by a solid metal core, a liquid mantle and a thin but hard crust.	<b>True</b>	<b>False</b>



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**B.- Match with lines**

tiny.

the thing that forms physical objects and occupies space

matter.

very small

dust.

fine powder made from a particular substance

spin.

to turn around repeatedly

mantle.

the middle layer of the Earth that is between the top crust and the inner