

TAREAS PARA HACER DURANTE EL VERANO
ACTIVIDADES DE RECUPERACIÓN DE LA 1ª Y 2ª EVALUACIÓN DE BIOLOGÍA Y
GEOLOGÍA 1º ESO BILINGÜE
GEOLOGY BOOK

UNIT 1: THE SCIENTIFIC METHOD

2. Explain the steps of the scientific method and what scientific laws and theories are. (Page 7 *Geology Book*).

UNIT 2: THE EARTH IN THE UNIVERSE

2. Explain the Big Bang Theory about the origin of the Universe in three short sentences. (Page 24 *Geology Book*).
8. Make a drawing of the Solar System indicating: age, rotation and structure of the Sun, the inner and outer planets, the asteroid belt, the comets and the dwarf planets. (Page 30 *Geology Book*).
9. Explain the two main movements of the Earth indicating how long are each one and their consequences. (Page 31 *geology Book*).
15. a) What are the phases of the Moon? (Page 38 *Geology Book*).
b) Explain what occurs in a lunar eclipse and in a solar eclipse. (Page 39 *Geology Book*).
c) What are tides? Explain in a drawing high and low tides. (Page 39 *Geology Book*).

UNIT 3: THE GEOSPHERE

4. Make a drawing indicating the layers of the geosphere and discontinuities that separate them. (Page 47 *Geology Book*).
5. a) Write and explain briefly the definition of mineral. (Page 48 *Geology Book*). Name three minerals.
b) Write the definition of rock (Page 52 *Geology Book*). Name three rocks.
10. Define and make a drawing of the rock cycle. (Page 57 *Geology Book*).

UNIT 4: THE ATMOSPHERE

4. a) What is the atmosphere? (Page 66 *Geology Book*).
b) Write the layers of the atmosphere, their extensions and a characteristic of each one. (Page 69 *Geology Book*).
c) Why it makes the life on Earth possible? (Page 70 *Geology Book*).
9. Make a drawing explaining the greenhouse effect indicating the greenhouse gases, the causes of its increase and the consequences of it. (Pages 74 and 75 *Geology Book*).
10. About the ozone layer:
a) What are the harmful solar radiations and what layer of the atmosphere absorb them? (Page 76 *Geology Book*).
b) What's the cause of the hole in the ozone layer and where's it located? (Page 76 *Geology Book*).
c) What are the main consequences for human being due to ultraviolet radiation? (Page 77 *Geology Book*).

UNIT 5: THE HYDROSPHERE

1. Make a scheme of keys about the distribution of water on Earth indicating percentages. (Page 85 Geology Book).
5. About water: a) What's its atomic composition? (Page 88 Geology Book).
b) Make a scheme with the names and temperatures of the changes in the state of water. (Page 88 Geology Book).
6. Make a drawing of the water cycle indicating the engine of the cycle, the name of the process and the different forms of water in it. (Page 92 Geology Book).

BIOLOGY BOOK

UNIT 1 (6): LIVING THINGS

1. About life on Earth:
 - a) Write the perfect conditions for hosting life that Earth provides. (Page 6 Biology Book).
 - b) Write the common characteristics of all living things. (Page 6 Biology Book).
 - c) Order and define the following levels of organisation in matter according to a increasing complexity: *Population* *Molecule* *Organism* *Cell* *Biosphere* *Species*
System *Biocenosis* *Ecosystem* *Atom* *Organ* *Tissue*(Page 7 Biology Book).
6. Write the statements of the cell theory. (Page 10 Biology Book).
7. Draw the basic structure of a cell explaining briefly its parts and the unit to measure its size. (Page 11 Biology Book).
8. Write the differences between prokaryote and eukaryote cells. (Page 12 Biology Book).
9. Write the differences between plant and animal cells. (Page 12 Biology Book).