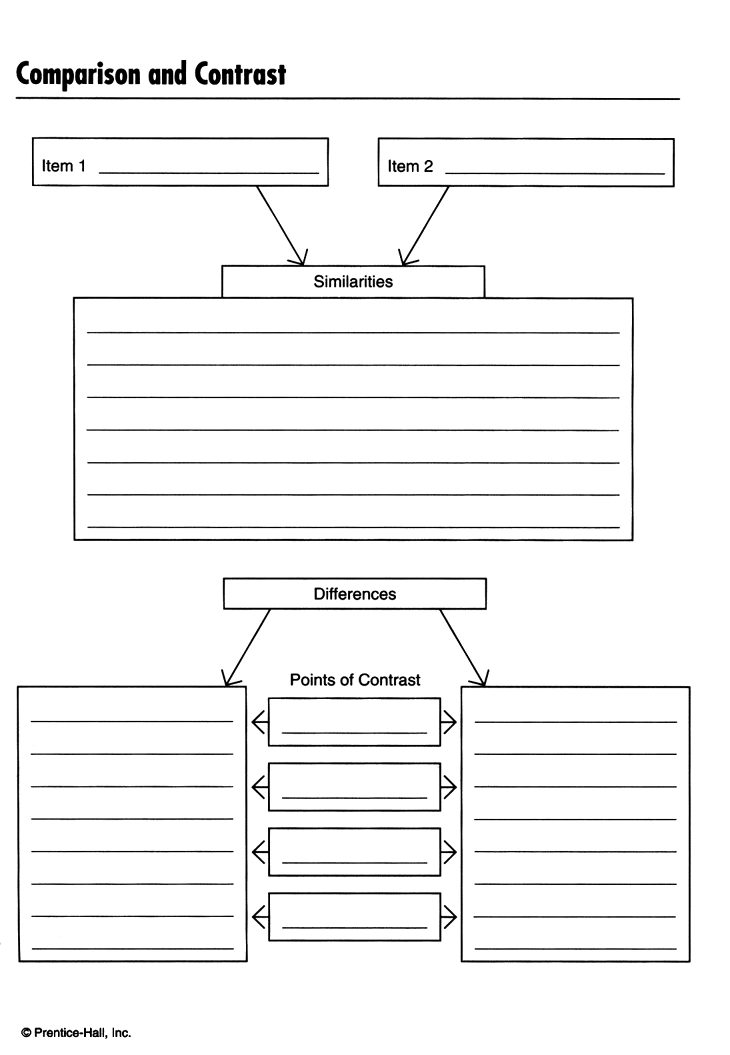
**UNIT 1 LIVING BEINGS: CELLS AND FUNCTIONS N.S. – 6**

**ACTIVITY 1. COMPARISON AND CONTRAST**

- You have to comparate prokaryotic cell and a eukaryotic cells signing their similarities and differences. Complete this escheme.



**ACTIVITY 2. TABLE**

- Complete the table about unicelular and multicelular living beings.

|  |  |  |  |
| --- | --- | --- | --- |
| **LIVING BEINGS** | **ARE MADE UP OF…** | **IF THEY LIVE TOGETHER…** | **FOR EXAMPLE…** |
| **UNICELLULAR** |  |  |  |
| **MULTICELLULAR** |  |  |  |
|  |  |

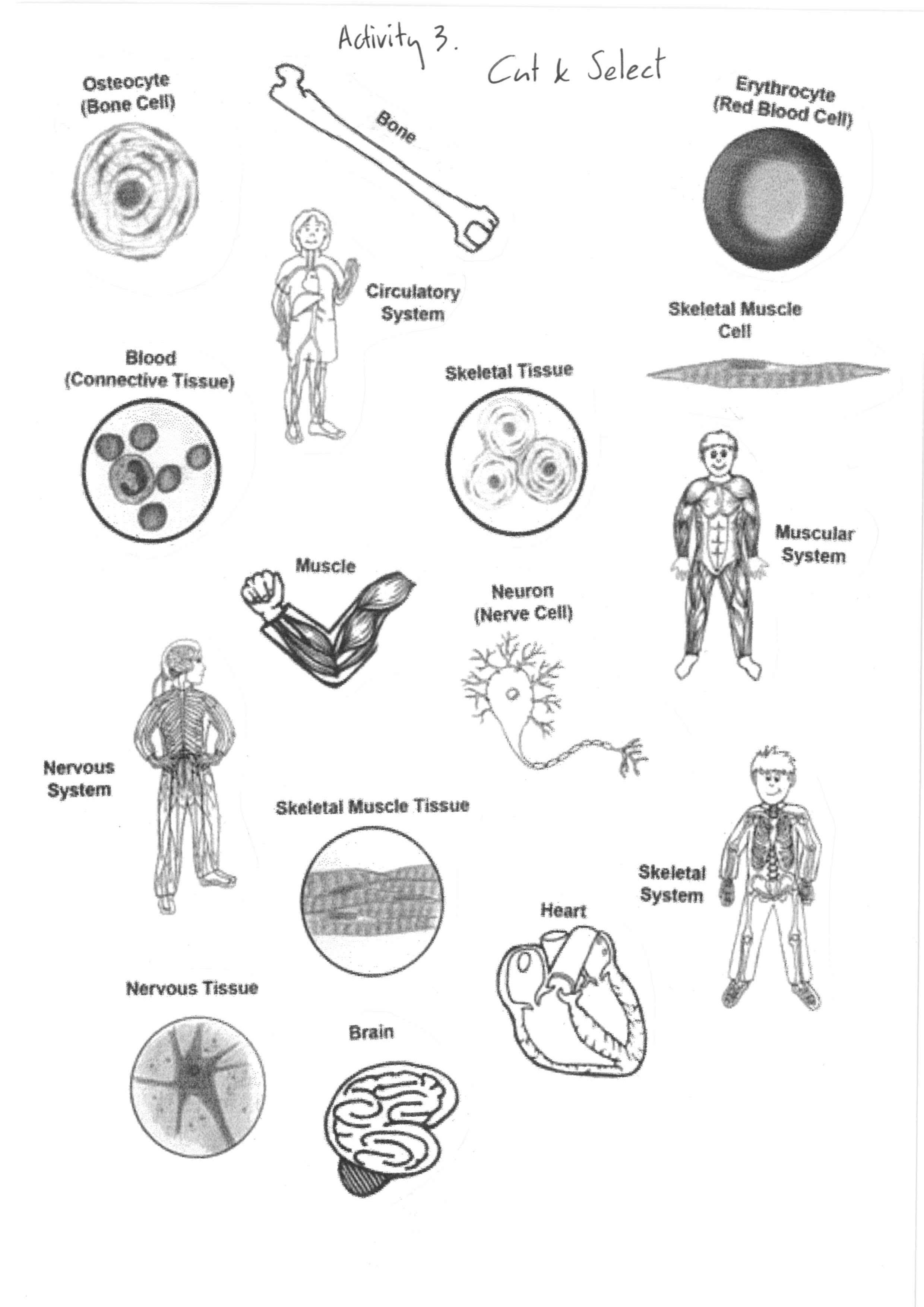
**ACTIVITY 3. ALONE NOT, WITH FRIENDS YES.**

**A)** Multicellular living beings can live in groups that work together to perform a specific activity. Complete these estatements with these words:

|  |  |  |
| --- | --- | --- |
| Tissues | Multicellular living beings | Organs |

* The tissues are a group of…
* The organs are a group of…
* The systems are a group of…

**B)** Cut and fix the images and put them in the correct order.



|  |  |  |  |
| --- | --- | --- | --- |
| Cell | Tissue | Organ | System |
|  |  |  |  |
|  |  |  |  |
|  |  |  |  |
|  |  |  |  |

**ACTIVITY 4. AMAZING SIZE!!**

- Look and comment these comparisons about size. Don´t you think that they´re really amazing?

|  |
| --- |
| If you were as big as  Europe…    (10 million square kilometers)    A unicelular fungus would be  as big as a football field      (10.800 square meters)    Bacteria would be as a bus.  (12 meters)    A virus would be like a football ball!!  (70 centimeters) |

**ACTIVITY 5. UNDER THE SEA**

- Classify these statements about the protoctista kingdom under the sea.

|  |  |  |  |
| --- | --- | --- | --- |
| Plankton | | | |
| Green Algae | |
|  | | | |
|  | |
|  | | |
|  | |
|  | | | | |

|  |
| --- |
|  |

The Protoctista Kingdom under the sea:

* Acuatic animals feed on them.
* Humans, for example feed on them.
* They put oxygen.
* They remove carbón dioxide
* Protozoa
* Algae
* It´s a beneficial protozoa.

**ACTIVITY 6. SOUP OF LETTERS**

- Find five words related with benefits of Fungi Kingdom.

A L M G Y A S Y K H F

L N Z P R T G E G U W

C F T P S H I A L M H

O Q V I K M R S T U D

H F S P B J T T Y S L

O Z E O K I R W O D I

L X F B N P O M I R C

A P T V J D Y T A H X

G S B T M E D I C I N E

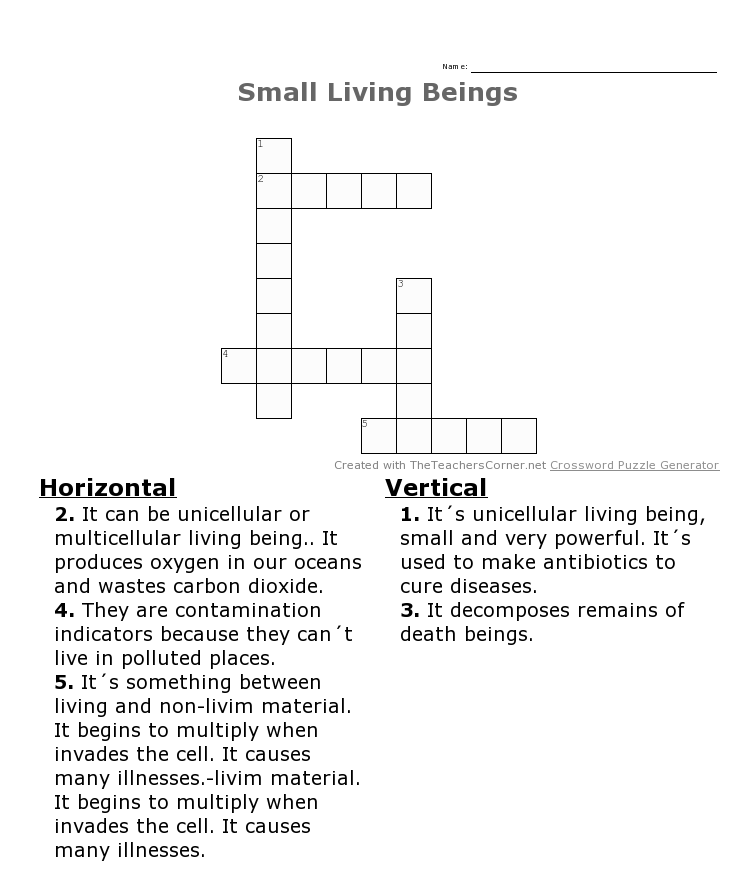
P O H K C I H F S C C G

**ACTIVITY 7. THE ALPHABET GAME, PASS THE WORD**

- You have to think a word that the definition referer. That Word have to begin by the indicated letter.

* With A. They can be multicelular os unicelular living being. They are autotrophic and normally live in water.
* With B. They belong Monera Kingdom. It´s unicelular living being and they haven´t got a nucleus. A lot of them are in antibiotics.
* With C. The smallest part of a living baing that complete the three vital functions.
* With D. Synonymous of illness, it could be caused by bacteria, fungi or virus.
* With E. Kind of cell, its genetic material is enclosed inside a nucleus.
* With F. Name of kingdom that mould, mushroom and yeast belong.
* With G. It´s a very important part of a cell. It can be in the cytoplasm or inside a nucleus.
* With H. Product made with remains of dead beings by the decomposers like the fungi or bacteria.
* With I. It´s one of the three vital functions.
* With J. Acuatic animal that belongs to cnidarians. It has various tissues with specialised cells.
* Contains K. Types of cells about structure.
* With L. They are a partnership of heterotrophic fungi and algae.
* With M. They can be poisonous or edible. They belong to fungi kingdom.
* With N. Part of a eukaryotic cell. It has got genetic material.
* With O. Part of a cell. They made up of tissues. They do very spesialised tasks. They sometimes form systems.
* With P. The main function of autotrophic nutrition.
* Contains Q. Way that bacteria can reproduce themselves. Adeverb.
* With R. One of the three vital functions.
* With S. Required element for the cells use autotrophic nutrition.
* With T. Group of cells that work together to perform a specific activity.
* With U. Someones live together in colonies, but they go on being independent beings.
* With V. Nutrition, interaction and reproduction are…
* With W. Place where we normally can find algae.
* Contains X. Kelp forest emit a lot of i tinto Earth´s atmosphere and oceans.
* With Y. Type of fungi that is used to make bread and alcoholic dinks or wine.
* Contains Z. Unicellular living being, it has a nucleus and is heterotrophic. Someones can cause serious diseases.

**ACTIVITY 8. CROSSWORD**

- Complete this crossword. ****

**ACTIVITY 9. THE GAME OF THE TRUTH**

- Sing ¨T¨ if the statement is true anf ¨F¨ if it´s false

* All cells have membrane, cytoplasm and genetic material.
* Cells can reproduce themselves making a copy of their genetic material and dividing the cytoplasm into two halves.
* Cells that use autotrophic nutrition make their own nutrients by photosyntesis.
* Most of cells don´t need to respire.
* Cells reléase waste material to the exterior throught the cell membrane.
* Cells are static beings, they don´t react.
* All cells use heterotrophic nutrition, depend on other living beings.