

PRIMERA SEMANA 6° PRIMARIA

SCIENCE:

LIVING BEINGS: CELLS AND FUNCTIONS (UNIT 1)

pages 8-10 MODELO DE SOLUCIONES

1. Draw the two **types of cells** and their differences.

[Pictures of prokaryotic cell and eukaryotic cell (page 8)]

2. What's the difference between autotrophic and heterotrophic nutrition in cells?

Autotrophic cells make their own nutrients (from water, CO₂ and solar energy) and heterotrophic cells take their nutrients from other living beings.

3. Describe the two groups of **unicellular** living beings.

- a) Prokaryotic living beings: they are made up of only one prokaryotic cell (with no nucleus) and consists mainly of bacteria.
- b) Eukaryotic living beings: they are made up of one eukaryotic cell (with nucleus and many organelles) and consist of protozoa, microscopic algae and some fungi.

4. Can you see any cells **without** [sin] microscope?

You can see only a few [*unas pocas*] cells, like the ovules and the xenophyophore (a strange living being that lives deep in the ocean!).