

Characteristics of life

STUDENT BOOK p. 126

1. Match each example with a characteristic of living beings.

Example	Characteristic
a) A caterpillar changes into a butterfly.	1. Living beings have a complex structure based on the cell.
b) A fish breathes oxygen in water.	2. A living being reproduces.
c) A plant turns toward the light.	3. A living being reacts to stimuli.
d) A lion must eat to survive.	4. A living being makes exchanges with its environment.
e) Members of the same species mate to produce offspring.	5. A living being grows and develops.
f) A rock is not alive because it is not made up of living cells.	6. A living being uses energy.
g) An eagle uses its sharp hooked beak to tear apart its prey.	7. A living being adapts to changes in its environment.

2. Which of the following are living beings?

- a) Bacterium ☐
- b) Mushroom ☐
- c) Ore ☐
- d) Anemone ☐
- e) Petroleum derived from decayed living beings ☐
- f) Carrot ☐

3. Despite its top efficiency, a robot is not a living being.
Check the characteristics that a robot does **not** possess.

- a) Reacts to stimuli. ☐
- b) Adapts to changes in its environment. ☐
- c) Has a complex structure based on the cell. ☐
- d) Grows and develops. ☐
- e) Uses energy. ☐
- f) Reproduces. ☐