N.º List: ……… Name: …………………………………………………..…

4º NS Unit 4 **PLANT PROCESSES**

1.- Plants need: A…….., w……………………., s……………………and s……………

2.- Match the definitions to the words. Write **a., b., c., d.** and **e.**

a. A green substance in leaves that traps sunlight.	…….. Phloem vessels
b. A mixture of water and minerals which plants absorb from the soil.	…….. elaborated sap
c. Tubes that transport raw sap up the stem to the leaves.	……. raw sap
d. A substance produced during photosynthesis. It is the plant's food.	……...xylem vessels
e. Tubes that transport elaborated sap to all parts of the plant.	……...chlorophyll

3.- Read and <u>circle</u> the correct stage in **sexual reproduction in angiosperms.**

a. Pollen travels from one plant to another plant. **flowering / pollination**

b. A grain of pollen reaches an ovule in the ovary. **fertilisation / germination**

c. The ovary develops into a fruit. The ovule becomes a seed. **seed dispersal / fruit development**

d. The seed reaches the ground and small roots grow down. **germination / fertilisation**

e. Seeds are dispersed by animals, wind or water. **seed dispersal / fruit development**

4.- **Asexual reproduction.** Write the words

a. ……………………………….. are specialised stems that grow horizontally above the ground.

b. ……………………………….. are specialised stems that grow horizontally underground.

c. ………………………………. underground stems with leaves that store food

d. ………………………………. underground stems with leaves that develop from small buds or "eyes"

5.- Read and **complete** the text.

> **Carbon dioxide** - **elaborated sap** - **leaves** - **minerals** - **oxygen** - **photosynthesis** -
>
> **raw sap** – **roots** - **sunlight** - **phloem vessels** - **xylem vessels**

Plants make their own food through a process called ……………………………………………

Chlorophyll in the leaves traps . . …………………………………………. The leaves absorb

…………………………. …..……………………. from the air. The plant's ……………………………

absorb water and . ………………………………………. from the soil. This mixture is the

………………………………………. that travels up the stem to the …………………………………

through the ………………………………. The leaves use sunlight and carbon dioxide to

transform the raw sap into ……………………. ……………………. . This is the plant's food. It

travels from the leaves to all parts of the plant through the ………………………………….

During photosynthesis, plants release ……………………………………. into the air.

6.- **Parts of the plant**: R……………, s……………..……, l…………………… and f…………………

7.- Write the **parts of the flower**