

UNIT 3**THE PLANT KINGDOM. ACTIVITIES**

1.-  Listen, repeat and underline the stressed syllables.

- a) Photosynthesis c) Xylem e) Conduits
b) Chlorophyll d) Phloem

2.-  Correct the sentence. Listen and check.

Plants are single-celled heterotrophic organisms that release carbon dioxide during photosynthesis and oxygen during respiration.

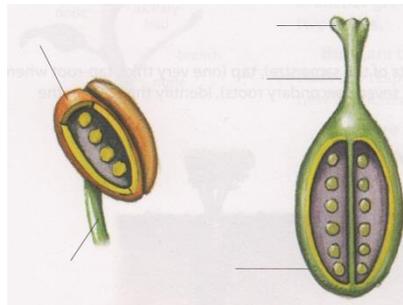
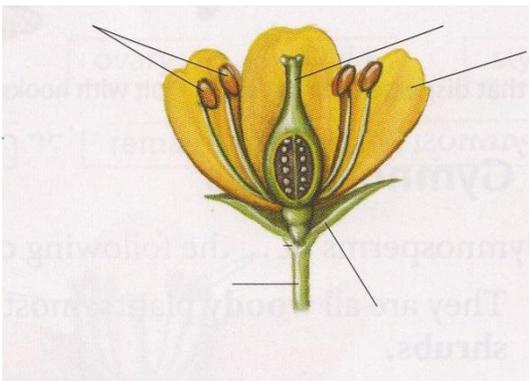
3.-  Choose the correct word. Listen and check.

- a) Plants make their own *inorganic / organic* _____ matter through *photosynthesis / respiration* _____.
b) Photosynthesis takes place in the *chlorophyll / chloroplasts* _____ of plant cells.
c) Plants release CO₂ and H₂O during *respiration / photosynthesis* _____.
d) *Phloem / Xylem* sap is composed of the substances produced during photosynthesis.
e) *Flowering / Non-flowering* _____ plants all have seeds.
f) The vascular conduits transport O₂ and CO₂ / *sap* _____ around the plant.

4.-  Find the eight mistakes in this text. Rewrite it in your exercise book. Listen and check.

Liverworts are vascular and mosses have woody vascular conduits. Some ferns obtain water through the surface of the whole plant. Ferns live in dark dry places. They have woody vascular conduits but no seeds or leaves. The fronds are found in the sporangia, which are on the underside of the rhizome.

5.- Label the parts of the flower.



6.- Match the two columns.

Petals
Stamens
Sepals
Style

Collectively, these are called the calyx.
This belongs to the pistil.
Collectively these are called the corolla.
These are the male reproductive organs.

7.-  Look at the angiosperms on the screen. Explain what parts (root, leaf, stem or fruit) of each species are used by humans and how they are used.  Listen and check.

8.- Think and put an X in the correct place.

	Gymnosperms	Angiosperms
Most are tree-like		
Their flowers aren't brightly coloured		
They have fruit		
Most have thin leaves		

9.- Tick the sentences T (true) or F (false). Then correct the false sentences.

- | | T | F |
|---|--------------------------|--------------------------|
| 1. Angiosperms and gymnosperms have vascular tissue.
..... | <input type="checkbox"/> | <input type="checkbox"/> |
| 2. Photosynthesis occurs in the stem.
..... | <input type="checkbox"/> | <input type="checkbox"/> |
| 3. The female part of a flower is called the stamen.
..... | <input type="checkbox"/> | <input type="checkbox"/> |
| 4. An inflorescence is a group of flowers.
..... | <input type="checkbox"/> | <input type="checkbox"/> |
| 5. Angiosperms have flowers and seeds but no fruits.
..... | <input type="checkbox"/> | <input type="checkbox"/> |

10.- Complete the sentences with the correct word in the box.

conduits sporangia flower
 trees Sap Chlorophyll woody

- a) _____ in plant cells collects solar energy.
- b) _____ is transported in the vascular _____.
- c) The _____ in ferns produce the spores.
- d) Petals, stamens, pistil and sepals are all parts of the _____.
- e) Gymnosperms are all _____ plants and are usually _____.