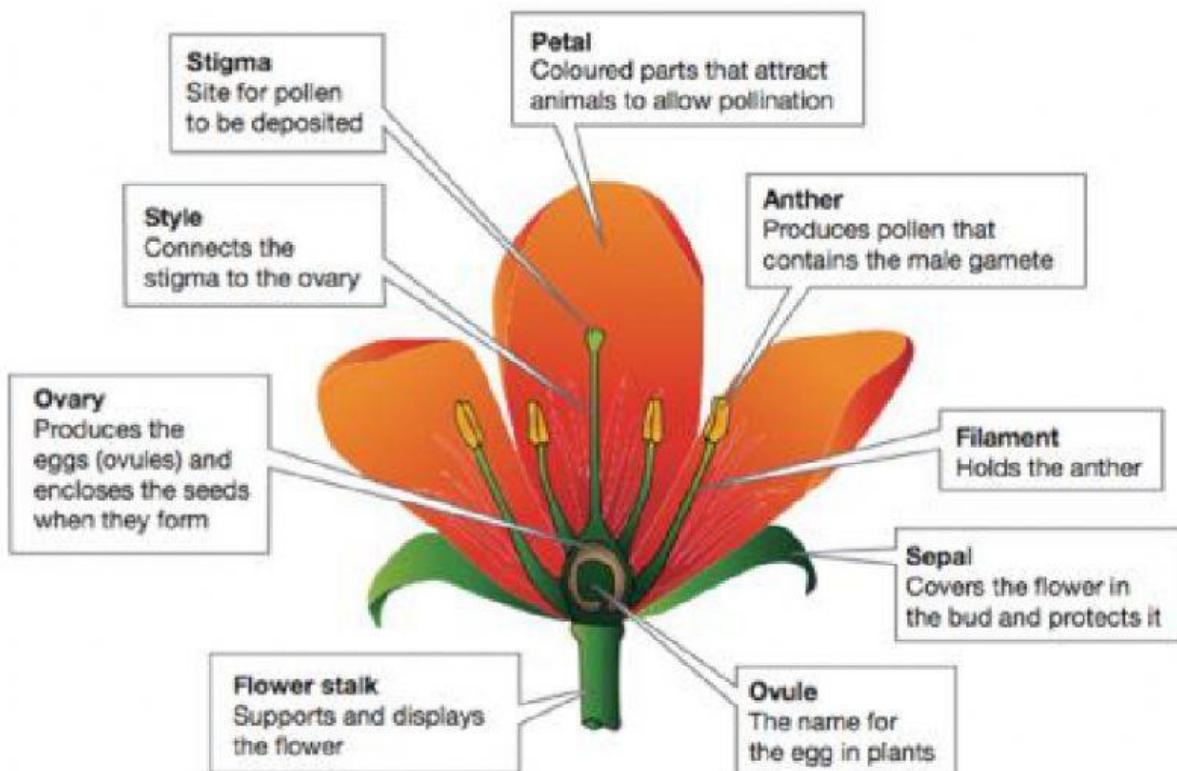


Topic: Reproductive parts of a plant – części roślin słownictwo

Petal – płatek	Ovule – zalążek	Stem – łodyga
Bulb – bulwa, cebulka	Roots – korzenie	
Pistil – słupek	Filament – nitka pręcika	
Anther – pylnik	Stigma – znamię słupka	
Stamen – pręcik	Ovary – zalęźnia	
Sepals - działa kielicha	Blossom – kwiecie	
Carpel – słupek	Pollen – pyłek	style - słupek



Pistil - Stamen - Anther - Stigma - Ovary - Filament - Ovules - Style -

FEMALE ORGANS	MALE ORGANS

**Released SOL Test Questions
Sorted by Topic**

SOL 4.4 PLANTS

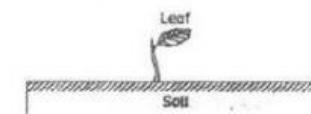
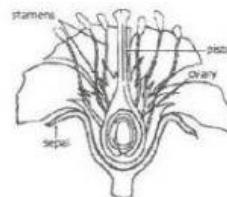
The student will investigate and understand basic plant anatomy and life processes. Key concepts include:

- a. the structures of typical plants and the function of each structure;
- b. processes and structures involved with plant reproduction;
- c. photosynthesis; and
- d. adaptations allow plants to satisfy life needs and respond to the environment.

5. What part of the flower produces pollen?

(2009 test - question 49)

- a. ovary
- b. sepal
- c. pistil
- d. stamen



6. The picture shows a sprouting bean plant. The leaf produced will help the plant by —

(2008-7)

- a. absorbing water from the air for nourishment
- b. using sunlight for energy in food production
- c. reproducing more bean plants for survival of the species
- d. adding support for the plant as it grows taller

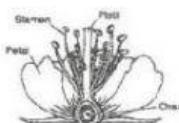
Violet Plants

Parts	Function
Roots	Anchor plant, absorb water
Stem	Support and transport
Leaves	Produce energy
Flowers	?

7. The table lists the parts of a violet plant and their functions. What is the function of violet flowers?

(2007-13)

- a. Release oxygen
- b. Produce seeds
- c. Absorb sunlight
- d. Promote growth



8. Pollen is produced in the —

(2005-9)

- a. ovary
- b. pistil
- c. petal
- d. stamen



9. Which of these is a main function of this plant's roots?

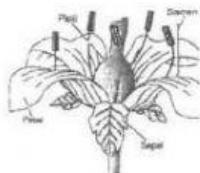
(2005-20)

- a. Making seeds
- b. Producing pollen
- c. Absorbing nutrients
- d. Storing chlorophyll

10. Which of these *plant parts* forms the seeds?

(2001-35)

- a. The stamen
- b. The pistil
- c. The sepals
- d. The petals



11. What do plants take in through their root systems?

(2008-10)

- a. Light
- b. Water
- c. Carbon dioxide
- d. Oxygen

PHOTOSYNTHESIS

12. *Photosynthesis* occurs in which of these organisms?

(2018-18)

- a. Sunflower plant
- b. Mushroom
- c. Sunfish
- d. Luna moth

13. Which of the following do *plants* need to make their own food?

(2009-28)

- a. Flowers
- b. Bacteria
- c. Sunlight
- d. Oxygen

14. The substance that makes *plants* green is known as —

(2001-28)

- a. water
- b. calcium
- c. chlorophyll
- d. carbon dioxide

15. Which of these is a process that allows plants to convert light energy into food energy?

(2001-9)

- a. Reproduction
- b. Excretion
- c. Digestion
- d. Photosynthesis

16. Why is *photosynthesis* important for plants?

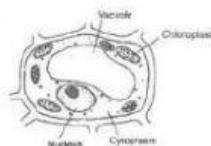
(2005-34)

- a. It collects sunlight which is used to make food for plants.
- b. It gets rid of plant waste products.
- c. It changes plant sugar into stronger chemicals.
- d. It helps attract insects to plant flowers.

17. In which plant *cell structure* does photosynthesis occur?

(2006-32)

- a. Vacuole
- b. Chloroplast
- c. Cytoplasm
- d. Nucleus



18. In plant cells, chloroplasts —

(2003-23)

- a. act as the cell's control center
- b. enable plant cells to produce their own food
- c. allow materials to move into and out of the cell
- d. support and protect the cell

19. For the native birds and mammals of Virginia to survive, plant life must be conserved. What do plants provide directly to all animals?

(2010-6)

- a. Oxygen
- b. Minerals
- c. Light
- d. Hydrogen

20. Which gas is given off by plants?

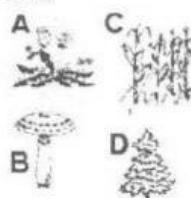
(2007-28)

- a. Hydrogen
- b. Nitrogen
- c. Oxygen
- d. Helium

SPORES

21. Which of these is not a plant?

(2004-2)



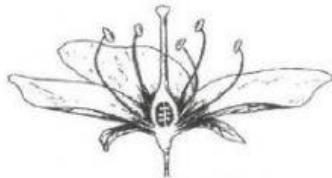
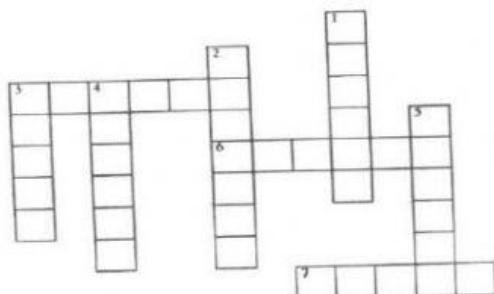
22. One way that *mosses and ferns* are similar is they both —

(2004-29)

- a. are flowering plants
- b. produce spores
- c. grow in areas with little rainfall
- d. are dormant during the winter

Parts of a Flower

Complete the crossword puzzle using what you know about the subject. Refer to the word bank if you need help.



Word Bank

pistil
stamen
ovary
sepals
stigma
anther
blossom
petal

Across

- 3. Pollen travels through this tube
- 6. Provides support for the pollen maker
- 7. Contains the egg cells

Down

- 1. Traps pollen
- 2. Reproductive structure found on many plants called a flower or this
- 3. Attracts insects and birds
- 4. Protected the flower bud before it opened
- 5. Makes pollen