

# MINISTRY OF EDUCATION, HERITAGE AND ARTS

## YEAR 11 BIOLOGY

### REVISION WORKSHEET 9

Write the answers to the following questions in your exercise/activity books.

#### Structure and Function of Plants - Growth

Using 100-10 words, write on the three following questions. (5 marks each)

- Using examples, differentiate between primary and secondary growth in plants
- Define the term **germination**, discuss the stages of the process and state **two** conditions that allow germination to take place successfully.
- Define the term **tropisms**, name and describe the five different tropisms you have learnt.

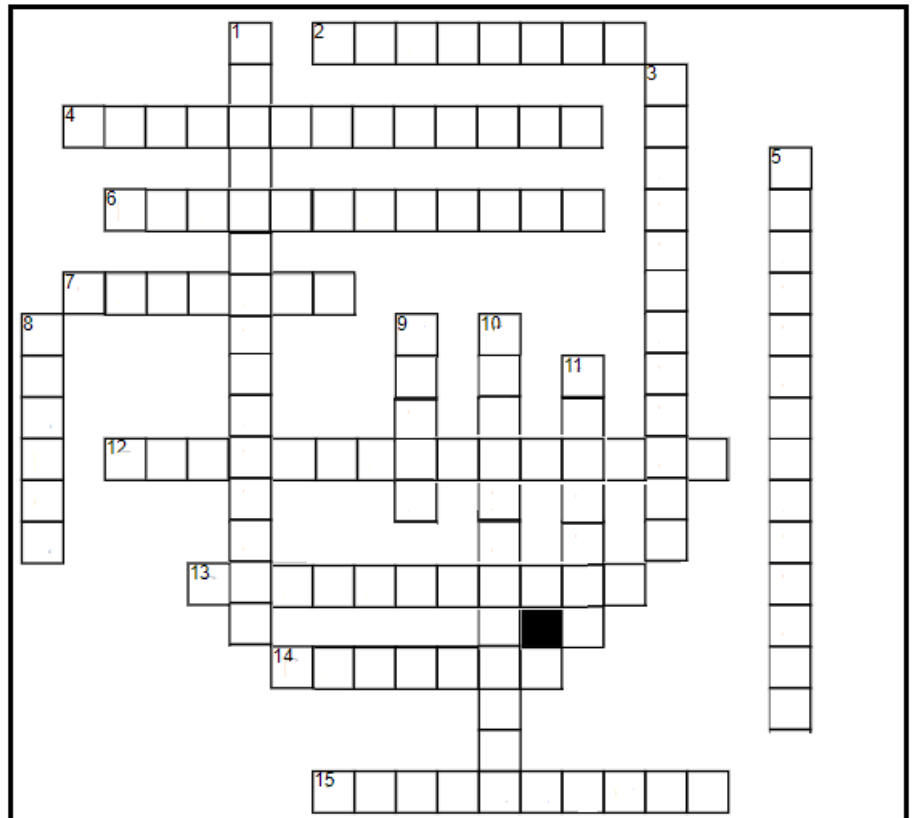
Plant Form and Function Crossword:

#### Across

- A substance that absorbs carbon dioxide and takes it out of the air
- The process by which plants lose water from their leaves
- Is solution used to detect presence of starch
- On the lower side of the leaf, holes that allow the movement of air in and out the leaf
- It is below the palisade tissue provide a surface for evaporation of water
- The process by which oxygen is used in a reaction with glucose to release energy
- Amount of matter in a living thing
- A Belgian scientist who performed an experiment on a Willow tree

#### Down

- Inside the veins of a leaf and contains xylem and phloem tissue
- An English scientist discovered that a 'portion of air' helped a plant to survive
- Just below the upper epidermis and is mainly
- Is a carbohydrate naturally found in grains and vegetables
- Water-transporting tubes inside the plant
- The tissue that carries food away in the leaf
- It is used to remove the green pigment chlorophyll from the leaf



Source: <https://wordmint.com/puzzles/3619110>

**The End**