

MINISTRY OF EDUCATION
SECONDARY ENGAGEMENT PROGRAMME
GRADE 8
INTEGRATED SCIENCE

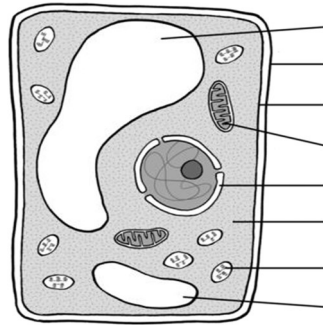
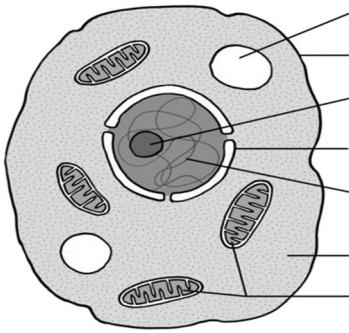
Week 1

Lesson 2 - Worksheet 2

Instructions

1. Add a title for each diagram to show which is a plant and which is an animal cell.
2. Use the words in the box to label the cell diagrams. You may use some words more than once.

nucleus cytoplasm vacuole cell wall
 cell membrane DNA material chloroplast
 mitochondria nucleous nuclear membrane



3. Match the structure to their correct function.

Structure

- A. Nucleus
- B. Mitochondria
- C. Chloroplast
- D. Vacuole

Function

- Releases energy for the cell
- Site where photosynthesis takes place
- Stores substances for the cell
- Controls the activities of the cell

4. Complete the following table by placing a tick (✓) in the appropriate column to indicate which cell contains the structure stated.

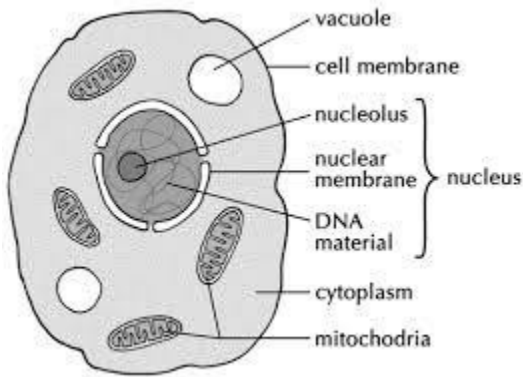
Structure	Animal cell	Plant cell
Has a cellulose cell wall		
Has a 'power house' structure called mitochondria		
Contains chlorophyll in chloroplast		
Has large vacuoles with cell sap		

MINISTRY OF EDUCATION
SECONDARY ENGAGEMENT PROGRAMME
GRADE 8
INTEGRATED SCIENCE

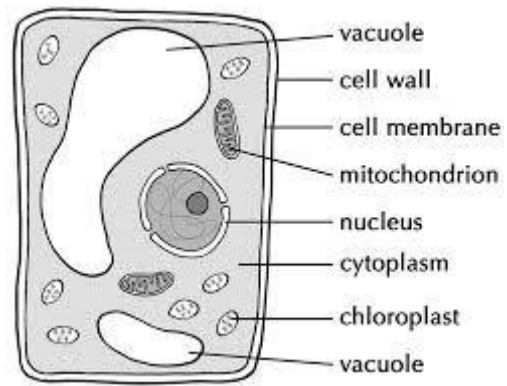
Week 1

Lesson 2: Worksheet 2 - Answers

Animal cell



Plant cell



3. Matching

Structure

Nucleus

Mitochondria

Chloroplast

Vacuole

function

controls the activities of the cell

releases energy for the cell

site where photosynthesis takes place

stores substances for the cell