Macmillan Science Workbook

MACMILLAN EDUCATION

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1. Match the definitions with the words in the box.

cell microscopic multi-cellular unicelluar

- a Something so small it can only be seen with the aid of a microscope.
- b The basic unit from which living things are built.
- c A living thing that consists of a single cell.
- d A living thing built from many cells.
- 2. These specimens are as seen through a microscope. Write the type of specimen under each picture. Use the words in the box.







4. Explain briefly:

- a How you should carry a microscope.
- b How and when you use the coarse and fine focusing knobs to focus on a specimen.



UNIT, esson **Comparing plant and animal cells** 2 **1.** Is this cell from a plant or an animal? Ring the correct word. b a c _____ This is a PLANT / ANIMAL cell. Label the parts of the cell using the words in the box. nucleus cell membrane cytoplasm 2. Is this cell from a plant or an animal? Ring the correct word. a ___ с ____ 000000 This is a PLANT / ANIMAL cell. Label the parts of the cell using the words in the box. cell membrane sucleus cytoplasm, cell wall a chloroplast - cell vacuole 3. List three features of a plant cell that you would not see in an animal cell. 4. Match the definitions with the words in the box. cell membrane nucleus chloroplast cytoplasm

- a The liquid that fills most of a cell and in which chemical reactions take place.
- b The cell's control centre.
- c One of the discs that enables a plant cell to trap the energy of sunlight.
- d The surface through which substances enter and leave the cell.



Building tissues

1. This diagram shows how one cell divides to become two, and two cells divide to become four. Continue the diagram for three more generations and complete the table.













