

# Download free Chapter 7 cell structure and function concept map answer key (PDF)

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4 cell in biology the basic membrane bound unit that contains the fundamental molecules of life and of which all living things are composed a single cell may be a complete organism in itself such as a bacterium or it may acquire a specialized function becoming a building block of a multicellular organism

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history of research see also references further reading external links cell biology the cell is the basic structural and functional unit of all forms of life every cell consists of cytoplasm enclosed within a membrane many cells contain organelles each with a specific function

we ve spent a lot of time looking at what s inside a cell but what about the stuff on the outside here we ll look at the extracellular matrix of animal cells and the cell wall of plant cells as well as the junctions that hold cells

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cell biology is the study of cell structure and function and revolves around the concept that the cell is the fundamental unit of life focusing on the cell allows a detailed understanding of

2 that s because all cells are surrounded by a structure called the cell membrane which much like the walls of a house serves as a clear boundary between the cell s internal and external

introduction close your eyes and picture a brick wall what is the basic building block of that wall a single brick of course like a brick wall your body is composed of basic building blocks and the building blocks of your body are cells fortunately your cells are way more interesting than bricks

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