

Cells/Function/Structure

Marzano Framework Biology HS

Start Date: October 10, 2011

End Date : October 21, 2011

Why is it important?

<p>Enduring Understandings</p> <p>To be familiar with the structure and function of the cell organelles. Be able to distinguish between a eukaryotic and prokaryotic cell.</p>	<p>Essential Questions</p> <p>What is the structure and function of cells? Describe the structure and function of organelles? What is cell specialization? What biochemical structures are involved in the cell? Where do cells fit in the level of organization of an organism?</p> <p>Learning targets:</p> <p>Understand the structure and function of organelles. Discover cell specialization. Identify biochemical structures that are involved in the cell. Trace where cells fit into the level of organization of an organism.</p>	<p>Key Vocabulary</p> <p>cell cell theory plasma membrane cytoplasm cytosol nucleus prokaryote eukaryote organelle tissue organ organ system phospholipid bilayer chromosome nuclear envelope nucleolus ribosome mitochondrion endoplasmic reticulum Golgi apparatus lysosome cytoskeleton microtubule microfilament cilium flagellum centriole cell wall</p>
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		central vacuole plastid chloroplast thylakoids chlorophyll
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Standards

OH_Academic_Content_Standards - Science (2011) - Biology

Content 4 Cells

4.1 Cell structure and function

4.1.1 Structure, function and interrelatedness of cell organelles

4.1.2 Eukaryotic cells and prokaryotic cells

Why am I teaching?

Unit Objectives

To be familiar with the structure and function of the cell organelles. Be able to distinguish between a eukaryotic and prokaryotic cell.

What additional resources do I need?

Notes	Web 2.0 tools	Resources Cell City Activity Power Point notes Coloring Plates #23, 30, 31, 32 Videos Textbook questions
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Standards Summary - Cells/Function/Structure

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No Plan Available

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