

The Cell

Grade Level: G7/M1
Topic Code: Sci-C1-Mo3-L1b

Lesson: Parts of a Cell

Number of Lessons: 2

Overview & Purpose Module: Mo3: The Cell Lesson: L1b: Parts of a Cell		Education Standards Addressed Sc 1.2 M1/1. Compare the shape, appearance and structure of plant and animal cells including describing functions of cell wall, cytoplasm, cell membrane, nucleus, vacuole, mitochondria, and chloroplast.	
Teacher/Student Guide			
Objectives (Specify skills/information that will be learned.)	I. The Cell (p. 56 – 62) A. Objectives <ol style="list-style-type: none"> 1. What are cells made of? 2. How do the parts of a cell enable it to survive? 		Materials Needed <ul style="list-style-type: none"> • Student Textbook • Class Presentation • Online Learning • Paper • Pencil • Other
Information (Give and/or demonstrate necessary information)	<ol style="list-style-type: none"> 1. Student Textbook (p. 58 – 60) <ol style="list-style-type: none"> a. Key Vocabulary b. Key Concepts 2. Teacher Lecture: <ol style="list-style-type: none"> a. Classroom Presentation b. “Key Concept” Check Discussion 		
Activity (Describe the independent activity to reinforce this lesson)	<ol style="list-style-type: none"> 1. Online Learning Activities <ol style="list-style-type: none"> a. Engage Video b. Learning Video 2. Vocabulary Review (p. 60) 3. Key Concept Organizer (p. 61) 		Other Resources (e.g. Web, books, etc.) eLearning Activities: Login.IQcandy.com Course: 1 Module: Mo03-L01b Topic: Parts of a Cell
Verification (Steps to check for student understanding)	<ol style="list-style-type: none"> 1. Lesson Review Quiz (p. 62) 2. Key Concept Check Activity (p. 61 – 62) 3. Online Learning Activities <ol style="list-style-type: none"> a. Pre-Test b. Post Test 		
Vocabulary and Key Concepts	<ul style="list-style-type: none"> • Cytoplasm • Mitochondrion • Plant cells have cell walls, chloroplasts, and a large vacuole. 		Additional Notes