



7th Grade Science August-October

[Unit Title]	[Standards]	[Materials and Resources]
Unit 1-Cells and Human Body Systems	S7L2a, S7L2b, S7L2c	<p>Videos:</p> <ul style="list-style-type: none">• Science Safety Parody Song• Variable Video• Sham Wow Towel• My Dad Is An Alien• Mythbusters-Walking vs. Running in the rain• Mythbusters-Swimming in Syrup vs. Water• Are elephants afraid of mice?• Pellagra Video• Microscope Video• What is a Theory?• Cell Theory• Levels of Organization• The Wacky History of the Cell Theory• Prokaryote vs. Eukaryote• The 6 Kingdoms• Sexual vs Asexual Reproduction Rap• Plant Cells• Cells Cells• Cells to Factory Analogy• Levels of Life Video• Organization from Cells to Organism

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| | | <ul style="list-style-type: none">• The Cardiovascular and Circulatory System• The Digestive System
• Muscular & Skeletal System• The Respiratory System• The Excretory System• The Immune System• Frank Gregorio- Introduction to Cells• Frank Gregorio- Introduction to Organelles• Prokaryote vs. Eukaryote Video• The six Kingdoms of Classification• Root Tip Mitosis• Hay Infusion Protists• The Doritos Dog• The Story of Cholera• Dr. Binocs Body Systems/Parts• Dr. Binocs-Digestive System• Dr. Binocs-Covid19• Dr. Binocs-Immune System• Dr. Binocs- Microscopic Organisms• Dr. Binocs- Chickenpox• Dr. Binocs-Typhoid• Dr. Binocs-Why Do We Puke?• Amoeba Sisters• Amoeba Sisters• Bubonic Plague Video from Sepup Lab Aids |
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- [Salamander From Egg to Full](#)
- [Specialized Cells](#)
- [Selena Gomez video clip](#)
- [Cells-The Grand Tour](#)
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Virtual Resources:

- [CK12 Life Science FLEXBOOK \(chpt. 1, 2, 5, 6, 7, 8, 9, 10, 11\)](#)
- [CK12 Life Science FLEXBOOK \(chpt. 1,2,3,4,5\)](#)
- [Virtual Microscope](#)
- [Intro to Microscopes Virtual Lab](#)
- [Virtual Microscope Slides](#)
- [Virtual Pond Dip](#)
- [Investigating Plant and Animal Cells](#)
- [Characteristics of living things digital lab](#)
- [What are Cells?](#)
- [Plant and Animal Cells](#)
- [Cell Size and Scale](#)
- [Organ Systems](#)
- [Cells Alive](#)
- [Cell Explorers](#)
- [Cell Theory and Common Parts of a Cells-CK12](#)
- [Investigating Plant and Animal Cells](#)
- [Cells Readings](#)
- [Characteristics of Living Things](#)
- [Mandrake Video](#)
- [Here Comes the Boom Scene](#)

BOOKS:

- Fantastic Beasts and Where to Find Them
- Life Science Concepts and Challenges- Globe Fearon Textbook
- Sepup Life Science Lab Aids

Text Resources:

- [Science Safety Handout](#)
- [Cohesion and Adhesion \(Penny Lab Reading\)](#)
- [Prokaryote vs. Eukaryote Reading Passage](#)
- [Cell Theory and Common Parts of a Cell](#)
- [Reading a-z-The Bubonic Plague](#)
- [The Black Death](#)
- [Meningitis\(Readworks\)](#)
- [Compare and Contrast Essay Example](#)
- [Levels of Life Reading Passage CK12](#)
- [Prokaryote vs. Eukaryote Reading Passage CK12](#)
- [The six Kingdoms of Life Reading Passage](#)
- [Six Kingdoms of Life Reading Passage](#)
- [Cell Rap](#)
- [Cell Dance Instructions](#)

		<p>Podcasts:</p> <ul style="list-style-type: none">• <u>Brains On: What makes Tardigrades Tick?</u>
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[Content Title]

October-January

[Unit Title]	[Standards]	[Materials and Resources]
Unit 2-Genetics		

[Content Title]
January-March

[Unit Title]	[Standards]	[Materials and Resources]
Unit 3- Classification		
Unit 4-Ecology		

[Content Title]

March-May

[Unit Title]	[Standards]	[Materials and Resources]
Unit 5-Evolution		