

Unit	Standards	I Can...	Activities	Assessments
Microscopes	S.IP.06.11	- generate scientific questions - design and conduct scientific experiments	- 118 Green Street (you tube)	- Parts quiz (S)
	S.IP.06.12		- Handling a microscope notes	- Lab write up/graph (F)
	S.IP.06.13	- use tools and equipment	- "Hello, Microscope" lab	- CIA booklet (S)
	S.IP.06.14	- use metric measurement devices	- CIA booklets	- Final test (S)
	S.IP.06.15	- construct charts and graphs - learn about historical characters	- Staining notes - Onion and Cheek Cell Lab - Absorbency Lab - Hooke/VanLeuwenhoek Reading	
Cells	L.O.L.07.21	- understand that all living organisms are made of cells	- Cells "Take 5"/Kids Discover Magazine	- Paragraph (using video notes) (F)
	L.O.L.07.22	- tell the difference between plant and animal cells	- Webquest	- Cell Parts Quiz (S)
	L.O.L.07.23	- list cell organelles and their functions - identify human body cells and their functions	- Bill Nye- "Cells"	- "A cell is like" writing (F)
	L.O.L.07.24		- Jello Cells	- Cells final project (S)
	L.O.L.07.31	- explain why cells can't get too large	- Cell Riddles	- Final test (S)
	L.O.L.07.32	- explain stem cells - understand that all cells have the same basic parts	- Color Coding Cells - "A Cell is Like" writing - Eggspiration - King Zulu & Warriors Story - Specialized Cells - Cheek Cells/Onion Skins lab - Mitosis Yarn Diagram Lab - Cells Final Project - Stem cell reading	
Genetics	L.HE.07.21	- understand that inherited traits are passed on from parent to offspring - differentiate between sexual and asexual reproduction	- family album	- Turn in project (S)
	L.HE.07.22		- traits bingo/inquiry lab - punnett square mini lesson - chromosome mini lesson - blood types mini lesson - twins mini lesson - genetic disorders mini lesson - sex-linked traits mini lesson - genetic mutations - speaker about down syndrome	- Graph/discuss results (F)  - Final test (S) - PowerPoint Activity with feedback (F) - Question cards about speaker information (F)
States of Matter	P.C.M.06.11	- describe changes in states of matter	- Dr. Suess book/Obleck activity	
	P.C.M.06.12	- illustrate how atoms and molecules are arranged in each state of matter - explain how mass is conserved as states of matter change in a closed system	- Physical Properties study - Density demonstrations - Bill Nye video/States of Matter - Phase change demonstrations - Balancing bottles (conservation) - Dry ice investigations - Make ice cream	- Sticky note reading strategy with paragraph writing (F) - Turn in demo sheet (F) - Phases of Matter quiz (S) - Lab manual turn in (F) - Paragraph of explanation (ice cream) (F) - Final test (S)
Solid Earth	E.SE.06.51			
	E.SE.06.52			
	E.SE.06.53			
	E.SE.06.61			
	E.SE.06.62			
Plants	L.O.L.07.61	- recognize that light is a source of energy - explain that carbon dioxide and water are used to produce carbohydrates, proteins, and fats	- Lists competition	- knew/new note sheet with accompanying paragraph (F)
	L.O.L.07.62	- describe the evidence that plants make, use and store food	- Bill Nye video	- mind map quiz (S) - Edible parts of plants sheet (F)
	L.O.L.07.63		- 5 types of plants mind map - "What's my Food" lab - Monocot/Dicot notes - Lima Bean Lab - Roots, stems, seeds, flowers, fruits, leaves notes - Parts of a flower/Build a flower - Flower dissection - CPS questions/quizzes - Photosynthesis hands-on equations - Photosynthesis raps	- Lab write-up (F)  - Lab write-up (F) - CPS questions/quizzes - Equation races with groups (F) - Rap performance (F) Plants Final Test (S)
Water	E.E.S.07.81	- explain the water cycle - describe how evaporation, transpiration, condensation, cloud formation, precipitation, infiltration, surface run-off, ground water and absorption occur within the cycle. - analyze the flow of water through surface features and groundwater	- Water Cycle CPS	- CPS quiz/results (F)
	E.E.S.07.82		- Jelly Bean/Water Demonstration	- Discussion
	E.E.S.07.11		- Bill Nye video - PowerPoint on water cycle	- Note sheet (F) - Present PowerPoint to class (F)
Atmosphere	E.F.E.07.11		- Apollo 13" clips (take off and landing) - Past/present/future atmosphere	- Journal Writing (F)
	E.F.E.07.12		- Layers of the atmosphere cut out	- Layers Check (F)
	E.E.S.07.11		- Layers Mind Map - Ozone layer article	- Mind Map turn in (F)  - Water/atmosphere quiz (S)

