

Grade 3rd Focus Calendar / Units of Study 2012 - 2013

Science – Grade ____	Unit 1: Living Organisms Plants/Animals	Unit 2: Weather	Unit 3: Solar System	Unit 4: Matter	Unit 5:	Unit 6:
Key Skills	Describe & sequence the stages in the life cycle Seed germination Growth & development Reproduction Describe basic needs Removal of organism from the food chain Producers/consumers	Observe & identify that water evaporates Describe clouds & precipitation as forms of water	The apparent position of the moon, as seen from Earth, and its actual position relative to Earth change in observable patterns.	Compare the observable physical properties of solids, liquids, or gases.		
Academic Vocabulary	Photosynthesis germination, nutrient, reproduction, temperature, transport system, food chain, life cycle, producer, consumer, ecosystem	Precipitation, evaporation, condensation, fog, cloud	Reflection, appears, observe, appearance, pattern	Solid, liquid, gas, vapor, evaporate, physical properties, temperature		
Reading/Writing Skills	Sequence of events Flow chart Written observation Note taking	Expository writing Oral presentation	Descriptive paragraph Expository writing	Descriptive paragraph Written observation		

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Math Skills	Use rulers to measure plant growth Sorting graphing	Graph temperature daily Keep a chart of the daily weather Graph data	Data gathering charting	Graph Measure Weigh Addition and subtraction of objects to compare weight		
Power Standards/GLEs Assessed	31Ba	5 1 C abc 5 2 G a	6 2 B ab	1 1 D a to g 1 2 A a		
Labs	Plant grass seeds in dirt, lima bean seeds in paper towels. Animal sort and food chain activity	Data collection daily of temperature and weather condition.	Observe the moon for one month. Flashlight and mirror activity.	Ice cube left out so it can melt, then refreeze it. On the line or in the basket activity.		
Approximate Instruction Dates	August/September	January	March	April/May		

Science – Grade ____	Unit 7:	Unit 8:	Unit 9:	Unit 10:	Unit 11:	Unit 12:
Key Skills						
Academic Vocabulary						

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