

Sand Springs Public Schools
6th Grade Science Local Objectives

1st Six Weeks

Local Objective	PASS	Core	Lab/Activity/Test/Other
1 st Benchmark Assessment			First two weeks of class
Lab Safety	<i>P3.6</i>		Safety Notes Lab Safety Video Safety Contract Lab Safety Test Lab Safety Posters Lab Safety Video (pre-AP)
Scientific Method/Data Collection/Graphing	<i>P1.1, P1.2 P1.3, P3.1 P3.2, P3.3 P3.4, P3.5 P3.6, P4.1 P4.2, P4.3 P4.4, P4.5 P5.1, P5.2 P5.3, P5.4 P5.5 1.1</i>		Tootsie Pop Lab Graphing Lab Trial and Error Lab
Metrics	P1.1 P1.2 P1.3		Mass vs. Weight lab Density Lab Measurement video Measurement Test

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2nd Six Weeks

Local Objective	PASS	Core	Lab/Activity/Test
Chemistry	<i>P1.1</i> <i>P1.2</i> <i>P1.3</i> <i>P3.1</i> <i>P3.2</i> <i>P3.3</i> <i>P3.4</i> <i>P3.5</i> <i>P3.6</i> <i>P4.1</i> <i>P4.2</i> <i>P4.3</i> <i>P4.4</i> <i>P4.5</i> <i>P5.1</i> <i>P5.2</i> <i>P5.3</i> <i>P5.4</i> <i>P5.5</i> 1.1 1.2		Physical and Chemical changes notes Physical and Chemical changes study sheet Smores Lab Glarch Lab Superball Lab (PreAP) Giant Periodic Table Chemistry Test

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3rd Six Weeks

Local Objective	PASS	Core	Lab/Activity/Test
Cross Curricular Unit (Bedlam)			Football Physics Orange/Red Chromotography
Electricity	<i>P1.1, P1.2</i> <i>P1.3, P3.1</i> <i>P3.2, P3.3</i> <i>P3.4, P3.5</i> <i>P3.6, P4.1</i> <i>P4.2, P4.3</i> <i>P4.4, P4.5</i> <i>P5.1, P5.2</i> <i>P5.3, P5.4</i> <i>P5.5, 2.1</i> <i>2.2, 2.3</i>		Insulator/Conductor lab Static Electricity Lab Light Bulb prediction lab Series vs. Parallel circuit lab Electricity Unit test
Magnetism	<i>P1.1, P1.2</i> <i>P1.3, P3.1</i> <i>P3.2, P3.3</i> <i>P3.4, P3.5</i> <i>P3.6, P4.1</i> <i>P4.2, P4.3</i> <i>P4.4, P4.5</i> <i>P5.1, P5.2</i> <i>P5.3, P5.4</i> <i>P5.5, 2.3</i>		Magnetic or not? Lab Magnetic Field Lines Lab Fish and Clips Lab Electromagnetism Lab Magnetism Unit Test
2 nd Benchmark Assessment			Week before Winter Break
Cross Curricular Unit (Science of Christmas)	<i>P3.1, P3.2</i> <i>P3.3, P3.4</i> <i>P4.1, P4.3</i> <i>P4.4, P4.5</i> <i>P5.1, P5.3</i> <i>P5.4, P5.5</i>		Snowflake Chromatography Holly Jolly Jimmy (Science of Santa) Mythbusters Christmas Tree Fire (review of Scientific Method) Prep and Landing (Scientific explanation of how Santa Claus could be real)

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4th Six Weeks

Local Objective	PASS	Core	Lab/Activity/Test
Rocks and Minerals	<i>P1.1, P.1.2</i> <i>P1.3, P3.1</i> <i>P3.2, P3.3</i> <i>P3.4, P3.5</i> <i>P3.6, P4.1</i> <i>P4.2, P4.3</i> <i>P4.4, P4.5</i> <i>P5.1, P5.2</i> <i>P5.3, P5.4</i> <i>P5.5, 5.1</i> 5.1a		Notes: Properties of Minerals Lab: Properties of Minerals Paper Crystals Crystal lab Notes: Types of Rocks and the Rock Cycle Fossil Lab Unit Test on Rocks and Minerals
Forces that Shape Earth	<i>P1.1, P.1.2</i> <i>P1.3, P3.1</i> <i>P3.2, P3.3</i> <i>P3.4, P3.5</i> <i>P3.6, P4.1</i> <i>P4.2, P4.3</i> <i>P4.4, P4.5</i> <i>P5.1, P5.2</i> <i>P5.3, P5.4</i> <i>P5.5, 5.1</i> 5.1a		Layers of Earth Foldable Edible Earth Lab Tectonic Plates activity Unit Test: Forces Shaping Earth
AIDS Training	Required by state law No PASS objectives		Ryan White Video AIDS: Fact vs. Myth AIDS comprehension test

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5th Six Weeks

Local Objective	PASS	Core	Lab/Activity/Test
Atmosphere (Water Cycle)	<i>P1.1, P1.2</i> <i>P1.3, P3.1</i> <i>P3.2, P3.3</i> <i>P3.4, P3.5</i> <i>P3.6, P4.1</i> <i>P4.2, P4.3</i> <i>P4.4, P4.5</i> <i>P5.1, P5.2</i> <i>P5.3, P5.4</i> <i>P5.5</i> 5.1 5.1b 5.1c 5.3		Water Cycle Posters Weather Mini-Labs Weather Maps Exercise Weather Unit Test
Motion and Forces/ Space Week	<i>P1.1, P1.2</i> <i>P1.3, P3.1</i> <i>P3.2, P3.3</i> <i>P3.4, P3.5</i> <i>P3.6, P4.1</i> <i>P4.2, P4.3</i> <i>P4.4, P4.5</i> <i>P5.1, P5.2</i> <i>P5.3, P5.4</i> <i>P5.5</i> 2.1		Stomp Rockets Water rockets (Pre-AP) Hot Air Balloons Moon Rocks Living and Working in Space Unit Test on Motion and Forces

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Local Objective	PASS	Core	Lab/Activity/Test
All of the Above			Begin OCCT Review
Cells	<i>P1.1, P1.2</i> <i>P1.3, P3.1</i> <i>P3.2, P3.3</i> <i>P3.4, P3.5</i> <i>P3.6, P4.1</i> <i>P4.2, P4.3</i> <i>P4.4, P4.5</i> <i>P5.1, P5.2</i> <i>P5.3, P5.4</i> <i>P5.5,</i> 3.1 3.1a 3.2		Microscope Instruction --prepared slides --plant cells vs. animal cells --pond water safari Lab: Cell baggies Clay cell models Unit test: cells
Ecology	<i>P1.1, P1.2</i> <i>P1.3, P3.1</i> <i>P3.2, P3.3</i> <i>P3.4, P3.5</i> <i>P3.6, P4.1</i> <i>P4.2, P4.3</i> <i>P4.4, P4.5</i> <i>P5.1, P5.2</i> <i>P5.3, P5.4</i> <i>P5.5</i> 4.1 4.2		Food Web/Chain Activity Energy Pyramid Activity The Lorax Biome Project Ecology Unit Test
3 rd Benchmark Assessment			Last week of School

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