

Sand Springs Public Schools

7th Grade Science Local Objectives

1st Six Weeks

Local Objective	Common Core	Lab/Activity/Test/Other	Resources
Process Standards 3, 4 and 5	RST .1, .2, .3, .4, .5, .6, .7, .8, .10 WHST .1, .2	Activity 1: Save Fred	SALI Lab book SEPUP kit
Process Standards 3, 4 and 5	RST .1, .2, .3, .4, .5, .6, .7, .8, .10 WHST .1, .2	Activity 2: The Pellagra Story	SALI Lab book SEPUP kit
Process Standards 3, 4 and 5	RST .1, .2, .3, .4, .5, .6, .7, .8, .10 WHST .1, .2	Observation Skills using different types of balls	Teacher-provided materials
Process Standards 3, 4 and 5	RST .1, .2, .3, .4, .5, .6, .7, .8, .10 WHST .1, .2	Activity 3: Testing Medicines	SALI Lab book SEPUP kit
Process Standards 3, 4 and 5	RST .1, .2, .3, .4, .5, .6, .7, .8, .10 WHST .1, .2	Activity 7: Human Variation	SALI Lab book SEPUP kit
Process Standards 3, 4 and 5	RST .1, .2, .3, .4, .5, .6, .7, .8, .10 WHST .1, .2	Activity 8: Studying People	SALI Lab book SEPUP kit
Process Standards 3, 4 and 5	RST .1, .2, .3, .4, .5, .6, .7, .8, .10 WHST .1, .2	Activity 9: Data Toss	SALI Lab book SEPUP kit
Process Standards 3, 4 and 5	RST .1, .2, .3, .4, .5, .6, .7, .8, .10 WHST .1, .2	Pre-AP project: Design Your Own Experiment	Teacher-provided template Student-provided materials

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2nd Six Weeks

Local Objective	Common Core	Lab/Activity/Test	Resources
Physical 1.1, Process Standard 1	RST .1, .2, .3, .4, .5, .6, .7, .8, .10 WHST .1, .2	Mass of Gum	Teacher-Provided materials
Physical 1.1, Process Standard 1	RST .1, .2, .3, .4, .5, .6, .7, .8, .10 WHST .1, .2	Volume of Oranges	Teacher-Provided materials
Physical 1.1, Process Standard 1	RST .1, .2, .3, .4, .5, .6, .7, .8, .10 WHST .1, .2	Measuring Length	Teacher-Provided materials
Physical 1.2, Process Standard 1	RST .1, .2, .3, .4, .5, .6, .7, .8, .10 WHST .1, .2	Exploring Physical Properties	Teacher-Provided materials
Physical 1.1, 1.2, Process Standard 1	RST .1, .2, .3, .4, .5, .6, .7, .8, .10 WHST .1, .2	Pre- AP Physical Properties of Water	Teacher-Provided materials
Life 2.1, 3.2	RST .1, .2, .3, .4, .5, .6, .7, .8, .10 WHST .1, .2	Cells Alive web-based activity	Computer Lab
Life 3.1, 3.2	RST .1, .2, .3, .4, .5, .6, .7, .8, .10 WHST .1, .2	Chromosomes and Genes video	Smart Board, VHS player, video
Life 3.1	RST .1, .2, .3, .4, .5, .6, .7, .8, .10 WHST .1, .2	Weblab mitosis and meiosis	Computer Lab

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3rd Six Weeks

Local Objective	Common Core	Lab/Activity/Test	Resources
Life 3.1, 3.2	RST .1, .2, .3, .4, .5, .6, .7, .8, .9, .10 WHST .1, .2	Activity 54: Investigating Human Traits	SALI Lab book SEPUP kit
Life 3.1, 3.2 Process Standard 4	RST .1, .2, .3, .4, .5, .6, .7, .8, .9, .10 WHST .1, .2	Activity 56: Joe's Dilemma	SALI Lab book SEPUP kit
Life 3.1, 3.2	RST .1, .2, .3, .4, .5, .6, .7, .8, .9, .10 WHST .1, .2	Activity 59: Gene Combo	SALI Lab book SEPUP kit
Life 3.1, 3.2	RST .1, .2, .3, .4, .5, .6, .7, .8, .9, .10 WHST .1, .2	Activity 61: Gene Squares	SALI Lab book SEPUP kit
Life 3.1, 3.2	RST .1, .2, .3, .4, .5, .6, .7, .8, .10 WHST .1, .2	Activity 65: Breeding Critters— More Traits	SALI Lab book SEPUP kit
Life 3.1, 3.2	RST .1, .2, .3, .4, .5, .6, .7, .8, .10 WHST .1, .2	Activity 66: Patterns in Pedigrees	SALI Lab book SEPUP kit
Life 3.1, 3.2	RST .1, .2, .3, .4, .5, .6, .7, .8, .10 WHST .1, .2	Activity 68: Searching for the Lost Children	SALI Lab book SEPUP kit
Life 3.1, 3.2	RST .1, .2, .3, .4, .5, .6, .7, .8, .10 WHST .1, .2	Activity 70: Finding the Lost Children	SALI Lab book SEPUP kit
Life 3.1, 3.2, Process Standard 4		Pre-AP: Personal Pedigree Presentation	Teacher provided template
All of the Above		Benchmark Assessment	

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4th Six Weeks

Local Objective	Common Core	Lab/Activity/Test	Resources
Life 4.1, 4.2	RST .1, .2, .3, .4, .5, .6, .7, .8, .10 WHST .1, .2	Activity 32: Who Infected Whom?	SALI Lab book SEPUP kit
Life 4.1, 4.2	RST .1, .2, .3, .4, .5, .6, .7, .8, .10 WHST .1, .2	Activity 37: The History of the Germ Theory of Disease	SALI Lab book SEPUP kit
Life 4.1, 4.2	RST .1, .2, .3, .4, .5, .6, .7, .8, .10 WHST .1, .2	Activity 39: Cells Alive!	SALI Lab book SEPUP kit
Life 4.1, 4.2	RST .1, .2, .3, .4, .5, .6, .7, .8, .10 WHST .1, .2	Activity 41: A Cell So Small	SALI Lab book SEPUP kit
Life 4.1, 4.2	RST .1, .2, .3, .4, .5, .6, .7, .8, .10 WHST .1, .2	Activity 48: Wash Your Hands, Please!	SALI Lab book SEPUP kit
Life 2.1, 2.2	RST .1, .2, .3, .4, .5, .6, .7, .8, .10 WHST .1, .2	Activity 12: What's Happening Inside	SALI Lab book SEPUP kit
Life 2.1, 2.2	RST .1, .2, .3, .4, .5, .6, .7, .8, .10 WHST .1, .2	The Skeletal System	Glencoe Life Science Textbook Teacher- provided materials
Life 2.1, 2.2	RST .1, .2, .3, .4, .5, .6, .7, .8, .10 WHST .1, .2	Owl Pellet Dissection	Teacher- provided materials
HIV/ AIDS Prevention Education 1, 2, 3, 4, 5, 6, 7		AIDS	

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5th Six Weeks

Local Objective	Common Core	Lab/Activity/Test	Resources
Life 2.1, 2.2	RST .1, .2, .3, .4, .5, .6, .7, .8, .10 WHST .1, .2	Activity 14: Breakdown	SALI Lab book SEPUP kit
Life 2.1, 2.2	RST .1, .2, .3, .4, .5, .6, .7, .8, .10 WHST .1, .2	Activity 17: Gas Exchange	SALI Lab book SEPUP kit
Life 2.1, 2.2	RST .1, .2, .3, .4, .5, .6, .7, .8, .10 WHST .1, .2	Kidney Dissection	Dissection kits, materials, template
Life 2.1, 2.2	RST .1, .2, .3, .4, .5, .6, .7, .8, .10 WHST .1, .2	Activity 19: Heartily Fit	SALI Lab book SEPUP kit
Life 2.1, 2.2	RST .1, .2, .3, .4, .5, .6, .7, .8, .10 WHST .1, .2	Activity 21: Inside a Pump	SALI Lab book SEPUP kit
Life 2.1, 2.2	RST .1, .2, .3, .4, .5, .6, .7, .8, .10 WHST .1, .2	Activity 22: The Heart- A Muscle	SALI Lab book SEPUP kit
Life 2.1, 2.2	RST .1, .2, .3, .4, .5, .6, .7, .8, .10 WHST .1, .2	Heart Dissection	Dissection kits, materials, template
Life 2.1, 2.2	RST .1, .2, .3, .4, .5, .6, .7, .8, .10 WHST .1, .2	Frog Dissection	Dissection kits, materials, template
Life 2.1, 2.2, Process Standard 5		Pre-AP: Create a nutrition bar	SALI Lab book SEPUP kit

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6th Six Weeks

Local Objective	Common Core	Lab/Activity/Test	Resources
Process Standard 2	RST .1, .2, .3, .4, .5, .6, .7, .8, .10 WHST .1, .2	Shoe Classification	Teacher- created materials Smart Board
Process Standard 2	RST .1, .2, .3, .4, .5, .6, .7, .8, .10 WHST .1, .2	Alien Classification	Teacher- provided materials
Process Standard 2	RST .1, .2, .3, .4, .5, .6, .7, .8, .10 WHST .1, .2	Pamishan Creature Classification	Teacher- provided materials
Process Standard 2	RST .1, .2, .3, .4, .5, .6, .7, .8, .10 WHST .1, .2	Levels of Classification	Teacher- provided materials
Earth/ Space Science 5.1, 5.2, 6.1, 6.2	RST .1, .2, .3, .4, .5, .6, .7, .8, .10 WHST .3, .4, .5, .6, .7, .8, .9	Ecosystem Travel Journal	Teacher- provided template
All of the Above		Benchmark Testing	

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