

First Grade Science Look For's

	What the Student will learn	What the student will do	What you will see (products)
1st Grading period Units: 1. Scientific Investigating and reasoning 2. Problem Solving with Science 3. Matter and Energy	Safe practices during lab investigations <ul style="list-style-type: none"> • Scientific inquiry • Critical thinking and problem solving Appropriate use of tools and equipment Properties and patterns of organisms, objects, and events <ul style="list-style-type: none"> • Patterns in charts, graphs and numbers 	<ul style="list-style-type: none"> • Implement investigative procedures • Demonstrate safety <ul style="list-style-type: none"> • Collect data • Organize, examine, and evaluate data • Use science equipment and technology <ul style="list-style-type: none"> • Make decisions • Communicate valid conclusions 	<ul style="list-style-type: none"> • Safety Rules and Symbols • Science Equipment • Graphic Organizers • Graphs, tables, charts • Science Folder/Notebooks
2nd Grading Period Units: 4 Force, Motion , Energy 5. Balls and Ramps	<ul style="list-style-type: none"> • Factors affecting change • Heat changes in everyday life <ul style="list-style-type: none"> • Changes in weather • Factors affecting change • Heat changes in everyday life 	<ul style="list-style-type: none"> • Recognize patterns in charts and graphs <ul style="list-style-type: none"> • Predict and create patterns <ul style="list-style-type: none"> • Make decisions • Communicate valid conclusions • Safe practices during lab investigations <ul style="list-style-type: none"> • Sort organisms/objects 	<ul style="list-style-type: none"> • Charts and graphs of lab work • Various lab activities using charts and graphs • Lists of different objects detailing the differences in characteristics <ul style="list-style-type: none"> • Drawings in science folder
3rd Grading period Units: 6. Earth's Resources 7. Weather/Seasons 8. Objects in the sky	<ul style="list-style-type: none"> • Properties and patterns of organisms, objects, and events • Patterns in charts, graphs and numbers <ul style="list-style-type: none"> • Factors affecting change • Heat changes in everyday life <ul style="list-style-type: none"> • Changes in weather 	<ul style="list-style-type: none"> • Record changes in weather—daily and seasons • Identify and test ways that heat causes change • Observe and identify patterns including seasons, growth, and day and night <ul style="list-style-type: none"> • Predict and create patterns 	<ul style="list-style-type: none"> • Measurements using a thermometer • Various lab activities using charts and graphs • Lists of different objects detailing the differences in characteristics <ul style="list-style-type: none"> • Drawings in science folder • Predictions from group work • Charts and graphs of lab work
4th Grading period Units: 9. Living things and its Environment 10. Animals 11. Plants	<ul style="list-style-type: none"> • Life cycles of organisms Systems' parts of organisms and objects <ul style="list-style-type: none"> • Relationships between functions, structures, and interactions in living organisms <ul style="list-style-type: none"> • Components of the natural world 	<ul style="list-style-type: none"> • Sort organisms and objects by parts and characteristics • Compare living organisms and nonliving objects <ul style="list-style-type: none"> • Remove parts of a system— report findings • Study the basic needs of living organisms 	<ul style="list-style-type: none"> • Graphic Organizers • Graphs, tables, charts • Science Folder/Journal <ul style="list-style-type: none"> • List: Organisms/objects • Recorded observations about plant and animal parts • Comparison of living and nonliving objects <ul style="list-style-type: none"> • List of basic needs of organisms