

Second Grade Science Look For's

WEEKS	UNIT NAME	What the student will learn	What the student will do	What you should see
1 st Nine Weeks	Scientific Investigation and Reasoning Science and Technology	Classroom and field investigations Scientific inquiry Critical thinking and problem solving Proper use of tools and equipment	Apply investigation procedures Practice safety, Collect data, Organize examine, and evaluate data, Make decision, How to use science equipment and tools, Stating conclusion Intergrading science with technology	Science folder/ notebook, graphic organizers, Tables, graph, and charts Safety rules and symbols, Lab equipment
2 nd Nine Weeks	Changes in Matter Force, Motion and Energy	Classify matter How adding heat to change matter Changing physical property of matter	Classify matter by physical properties, including relative temperature, texture, flexibility, and whether the material is a solid or a liquid. Compare changes in materials caused by heating and cooling. Demonstrate that things can be done to materials to change their physical properties, such as cutting, folding, sanding, and melting AND to combine materials that, when put together	Science folder/ notebook, graphic organizers, Tables, graph, and charts Safety rules and symbols, Lab equipment, Drawings, diagrams, models, and/or charts
3 rd Nine Weeks	Earth and Its Resources All About Weather The Solar System	Types of rocks Natural sources of freshwater and saltwater. Natural and manmade resources. measure, record, and graph weather information Patterns of objects in the sky	Observe, Describe, and Compare rocks by size, texture, and color. Identify and Compare the properties of natural sources of freshwater and saltwater. Distinguish between natural and manmade resources. Identify patterns in the data. Identify the importance of weather and seasonal information Observe, describe, and Record patterns of objects in the sky.	Science folder/ notebook, graphic organizers, Tables, graph, and charts Safety rules and symbols, Lab equipment, Drawings, diagrams, models, and/or charts
4 th Nine Weeks	Animal and Plant Needs Environments for Living Things Animal and Plant Characteristics	Basic needs of plants and animals. Environmental factors can affect the growth and behavior of living things Plants and animals depend on each other in many ways. Food chains show the flow of energy from one organism to another Animals have external characteristics that help meet their basic needs Animals have behaviors that help them meet their basic needs	Identify the basic needs of plants and animals. Identify factors in the environment, including temperature and precipitation that affect growth and behavior such as migration, hibernation, and dormancy of living things. Compare the ways living organisms depend on each other and on their environments, such as through food chains. Observe, Record, and Compare how the physical characteristics and behaviors of animals help them meet their basic needs.	Science folder/ notebook, graphic organizers, Tables, graph, and charts Safety rules and symbols, Lab equipment, Drawings, diagrams, models, and/or charts