



Topic	Concept/Goal	Skill	Activity/Resource
Inquiry	Acquire abilities necessary to do scientific inquiry	Observe using the appropriate senses Record information on simple forms Make reasonable predictions about the outcome of scientific experiments Draw and communicate reasonable conclusions Formulate reasonable questions Propose reasonable methods for investigations	Scientific explorations of magnets, balls and ramps, weather, and organisms
Physical Science	Explore and determine properties of magnets Explore, determine, and describe properties of balls and ramps	Distinguish between magnetic and non-magnetic objects Determine when two magnets repel or attract Observe and record characteristics of balls and ramps using five senses and experiments Make comparisons among different types of balls and ramps Measure distance balls travel from ramp Record observations and graph information about balls and ramps	Magnet walk Explorations with magnets Testing for magnetic strength Balls and Ramps science kit Testing for bounciness Ramp races



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<p>Life Science</p>	<p>Note and describe characteristics of organisms</p> <p>Explore similarities and differences between plants and animals</p> <p>Create and maintain organisms in land and water environments</p> <p>Understand what plants and animals need to coexist</p>	<p>Observe properties of a variety of organisms</p> <p>Communicate observations through writing, drawing, and oral statements</p> <p>Make comparisons between a variety of organisms</p> <p>Compare and contrast plants and animals</p> <p>Measure the growth of plants</p> <p>Describe the need of and care for living things</p>	<p>Plant seeds (variety)</p> <p>USN Wetlands</p> <p>Field trips to observe organisms in their natural environments</p> <p>Make terrariums and aquariums to care for plants and animals</p>
<p>Earth and Space Science</p>	<p>Note and describe changes on earth and in the sky (weather)</p> <p>Understand that weather changes</p> <p>Explore features of weather (cloud cover, wind, precipitation, and temperature)</p>	<p>Observe weather using senses</p> <p>Record observations</p> <p>Record information about the weather</p> <p>Conduct experiments regarding wind speed, evaporation, and water repellence of fabrics</p> <p>Compare and classify clouds</p> <p>Construct and interpret graphs</p> <p>Interpret long-term data</p>	<p>Weather-related experiments</p> <p>Weather Science kit</p> <p>Integrated unit-literature used</p> <p>Daily weather recording during calendar time</p>



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<i>Science in Personal Life</i>	Understand the effects of science on personal health	Use preventive health measures: hand washing before eating and after using rest room, using and discarding tissue	Discussions

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