

# SCIENCE



What are the children learning:	Equipment & Materials I have to support this learning:
<ul style="list-style-type: none"> <li>• Open-ending thinking</li> <li>• Learn cause and effect</li> <li>• Fosters creativity</li> <li>• Problem solving</li> <li>• Discovery</li> <li>• Learn factual information</li> <li>• Learn scientific method</li> <li>• Learn to think and reason</li> <li>• Learn to experiment</li> <li>• Hands on learning</li> <li>• Learn new vocabulary</li> <li>• Concepts of texture, color, weight, size and characteristic.</li> <li>• To group objects into categories</li> <li>• Observe likeness and differences</li> <li>• Appreciate nature</li> </ul>	<ul style="list-style-type: none"> <li>• Magnifying glasses</li> <li>• Color paddles</li> <li>• Collection bottles</li> <li>• Scales/balances</li> <li>• Tweezers</li> <li>• Non-breakable mirrors</li> <li>• Sensory bottles</li> <li>• Magnets</li> <li>• Nature items to examine nests, insects, plants/seeds, bark, sticks</li> <li>• Paper and pencils</li> <li>• Funnels</li> <li>• Eyedroppers</li> <li>• Non-fiction books</li> <li>• Locks and keys</li> <li>• Mystery box</li> <li>• Measuring tapes and rulers</li> <li>• Ramps</li> <li>• Tubes</li> <li>• Mud Kitchen</li> <li>• Rock Garden</li> <li>• Butterfly Garden</li> <li>• Vegetable Garden</li> <li>• Telescope</li> <li>• Water table</li> <li>• Sandbox</li> <li>• Sensory Bin</li> <li>• Recycling bucket</li> </ul>

Exploring with Science activities meet 98 of the Illinois Early Learning & Development Standards for Preschool.

Language – 24

Math – 22

Science – 21

Social Studies – 3

Physical – 5

Social & Emotional Development - 23