



Scope & Sequence

Preschool Science: Exploring Creation Together

GRADE LEVEL: Pre-K

TEXT SUMMARY: *Preschool Science* offers both a written and a hands-on approach to teaching. The colorful and simple details of the text allow the preschooler to grasp complex concepts in a very relatable way. In addition, the curriculum is designed for the parent to teach at a pace that is best for the family. Activities are included to further explore ideas and develop a deeper understanding of science concepts.

Lesson	Summary	Main Themes	Supporting Activities and Experiments
LESSON 1 <i>God in Creation</i>	Lesson 1 explores the meaning of being alive by looking for growth and change.	<ul style="list-style-type: none"> • God’s Love • God’s Plan • God’s Creation of Life • What Is Alive • Growing and Changing • What Are Nonliving Things • Ways to Sort Information • Exploring Creation 	<ul style="list-style-type: none"> • What’s Alive in Your House? • Living Things Grow and Change • Take a Walk Together—Science Starts with Observation • Learning to Sort • Project 1: My Window to the World
LESSON 2 <i>Our Home Planet Earth</i>	Lesson 2 introduces the topics of land, air, and water. Landforms and the unique properties of water are included in the discussion.	<ul style="list-style-type: none"> • Defining “Home” • Air: Wind, Atmosphere, Weather • Land: Continents, Dirt, Land Shapes, Dry and Wet Land • Water: Oceans, Lakes, Rivers, Waterfalls, Trenches, Precipitation • Different States of Water: Solid, Liquid, Gas • Water Cycle 	<ul style="list-style-type: none"> • What’s the Weather? • Digging in the Dirt • What Is Flat? • The Water Cycle • Project 2: Add Air, Land, and Water
LESSON 3 <i>Our Solar System</i>	Lesson 3 introduces the concepts of outer space including the sun, moon, stars, and planets.	<ul style="list-style-type: none"> • The Start of the Day • The Solar System • Orbits • The Planets • The Sun • Light • Daytime and Nighttime • Rotation • Moon • Seasons 	<ul style="list-style-type: none"> • Solar System “Go to Space” Card Game • Make a Rocket • Attention to Patterns • Memory Matching the Solar System • Visualize a Hot Gaseous Sun • Creating Day and Night • Understanding the Moon Parts A and B • Find the Differences • Project 3: Here Comes the Sun



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<p style="text-align: center;">LESSON 4 <i>God's Garden</i></p>	<p style="text-align: center;">Lesson 4 focuses on plants including the parts of a plant and varieties of plants. The preschooler will learn the important role that plants play in all of God's Creation.</p>	<ul style="list-style-type: none"> • What is a Plant? • The Purpose and Functions of Seeds • Seed Varieties • How Seeds Travel • Harvest • 3 Basic Parts of a Plant and Their Purposes • Plants and the Air • Flowering Plants and Pollinators • Plants and Food • Plants in Different Climates 	<ul style="list-style-type: none"> • Nature Detective on a Color Safari • Parts of a Seed • Examine Some Seeds • Walk in a Seed Sock • Growing Plants from Seeds • Harvest Time • Apple Tasting • Garden of Eating • What Comes Next • Making Things Grow • Studying Roots • Project 4A: Add More Roots and Minerals • Studying Stems • Looking at Leaves • Parts of a Flower • Let's Compare Living and Nonliving Plants • Creating an Alphabet Flower Garden • Roomful of Colorful Pollinators • Project 4B: Add Pollinators • A Plate Full of Plants • Project 4C: Add Plants
<p style="text-align: center;">LESSON 5 <i>All God's Creatures</i></p>	<p style="text-align: center;">Lesson 5 dives into the world of animals and discusses some of the basic characteristics of a variety of animal groups.</p>	<ul style="list-style-type: none"> • How are Animals Grouped • Domesticated vs. Wild Animals • Land Animals: Mammals, Reptiles, Amphibians, Insects, Spiders, Worms • Water Animals: Fish, Mammals, Crustaceans, Mollusks, Jellyfish • Sky Animals: Birds • Differences Among the Animals 	<ul style="list-style-type: none"> • Which One is the Mammal • Cold-Blooded Reptile • Match the Baby Reptiles to Their Mothers • Amphibian Life Cycle Review • Count the Legs • Make a Spider Web • Fish Scales • Flying High • Project 5: Add Animals



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LESSON 6 <i>Created in God's Image</i>	Lesson 6 reinforces that we are created in God's image. The lesson places emphasis on the five senses, the parts of the human body, and the systems of the human body.	<ul style="list-style-type: none"> • Discovering Your Senses: Sight, Hearing, Smell, Taste, Touch • Common Sense • Parts of the Body (General) • Systems of the Body • Caring for Your Body • Being Able to Love 	<ul style="list-style-type: none"> • Look at a Family Photo Album • Sensational Senses • Parts of Your Body • Proper Handwashing • Parts of Your Body Continued • Project 6: Add People
LESSON 7 <i>God's Toolbox</i>	God's Toolbox offers a way for preschoolers to begin to recognize the abstract concepts of science.	<ul style="list-style-type: none"> • Sharing Science • Numbers and Measurement • Using Descriptions • Comparing • Motion • Energy • Gravity • Buoyancy • Flight • Waves • Light 	<ul style="list-style-type: none"> • Talking Like a Scientist • Measuring • Recording Descriptions • Looking for Energy • Connect the Fuel • Buoyancy (Parts I and II) • Making Waves (Parts A and B) • Talking Waves • Lightning and Thunder Waves • Wave Size • Make a Rainbow • Learning About Rainbows • Project 7: Motion

ADDITIONAL INFORMATION: Additional websites for further exploration of the topics in the text are provided at the Book Extras link for this title. You can learn more about this title at apologia.com.