



by Rachael Yunis, MS, MA

with

Technical Editor
Sam Yunis, PhD

Content Editor
Trudy Ludwiczak

Design Editor
Andrea Kiser Martin

Illustrator
Anderson Carman

*Train up a child in the way he should go,
Even when he grows older he will not abandon it.*

Proverbs 22:6

Preschool Science: Exploring Creation Together

Published by
Apologia Educational Ministries, Inc.
1106 Meridian Street, Suite 340
Anderson, IN 46016
www.apologia.com

© 2021 Randisay, LLC and Apologia Educational Ministries, Inc.
All rights reserved.

ISBN: ?

Cover: Doug Powell
Book design: Andrea Kiser Martin
Illustrator: Anderson Carman

Unless otherwise indicated, Scripture quotations are taken from the
Christian Standard Bible, © 2017 by Holman Bible Publishers. Used by permission.
Christian Standard Bible® and CSB® are federally registered trademarks of Holman Bible
Publishers.

Scripture marked (NIV) is taken from the *Holy Bible, New International Version*®.
Copyright © 1973, 1978, 1984 by International Bible Society. Used by permission of
Zondervan.
All Rights reserved.

Printed by Asia Printing Co., Ltd, Seoul, South Korea
January 2022

10 9 8 7 6 5 4 3 2 1

TABLE OF CONTENTS

| | |
|----------------------------|-----|
| INTRODUCTION..... | 5 |
| LESSON 1 | |
| God in Creation..... | 9 |
| LESSON 2 | |
| Our Home Planet Earth..... | 19 |
| LESSON 3 | |
| Our Solar System..... | 57 |
| LESSON 4 | |
| God's Garden..... | 67 |
| LESSON 5 | |
| Animals..... | 95 |
| LESSON 6 | |
| X..... | 149 |
| LESSON 7 | |
| X..... | 173 |
| PARENT SECTION | |
| X..... | 211 |



Welcome



Welcome to a preschool curriculum that is full of hands-on, minds-on, and hearts-on activities that develop the most vital learning tools your child possesses – unique God given talents and abilities!

Through guided exploration of their world, young children discover how to naturally incorporate all aspects of language (expanding vocabulary), math (counting and recording), science (observing and experimenting), and arts (drawing out ideas) into their understanding of how their world works.

Preschool Science: Exploring Creation Together uses simple exposure to help your child develop a sense of awareness of, and interest in, the science all around us.

Because this is a preschool curriculum, you may find it to be a little different than what you are used to. I encourage you to let your day guide your direction.

- Watch for opportunities to mentor in the moment.
- Forget about schedules and keeping pace.
- Use open-ended questions.
- Encourage your child to think aloud.

Always be on the lookout for the impromptu adventure in science. Preschoolers have plenty of interests and curiosity at odd times. They're preloaded with lots of "Why?" This book is designed to help



you add the “How and Wow.” If you see the opportunity, let science activities be natural extensions of your child’s regular activities (play in the backyard), your regular activities (grocery shopping), or special events (fieldtrips and vacations).

This curriculum was written with your child in mind. Specifically, it is designed to engage students in the fun of science exploration, not have them get an early start of memorizing facts. This is important.

The goals are exposure and wonder. Because of that, this curriculum is written in two parts.

The first half is written in a story format that you can read with your child.

Activities are not inserted into the flow of the story, but icons will alert you to an activity that corresponds to the book material. It’s up to you whether the moment dictates more reading or an activity break. Since this is about exposure, if your student wants to keep reading, that’s fantastic. It is my hope that your student will want to read from this book over and over again. There will be plenty of opportunities to choose when and where activities fit into your family’s schedule.

The second half of this curriculum contains many age-appropriate activities that demonstrate the science concepts discussed in the story. These activities can help your child better understand the ideas presented in the text. There are 2 types of activities.

- **Hands-on Activities:** These are self-contained, individual activities which allow your child to explore concepts at a deeper level.
- **Project Activities:** The Window to My World project is a trifold posterboard that becomes a large picture window. Your child will add items to the window as the science is explained, eventually creating an entire scene.





EXAMPLE PROJECT: WINDOW TO MY WORLD

As you explore the world of science, I pray that you and your child come to understand that our world is wonder-full, peace-full, and beauty-full because God created it full of His love and wisdom.

I made the earth, and created man on it. It was My hands that stretched out the heavens, and I commanded all their host.

Isaiah 45:12





**Tell a future generation the praises of the LORD,
His might, and the wonderful works
He has performed - so that a
future generation -
children yet to be born - might know.
That they might put their confidence in God
and not forget God's works.
Psalm 78: 4, 6-7 HCSB**



May you and your child have joy in your journey as you
Explore Creation Together!