

let's talk science

Adventures in the World Around Me

.....▶ level K



MASTERBOOKS®
— CURRICULUM —





Author: Carrie Linquist

Master Books Creative Team:

Editor: Willow Meek

Design: Terry White

Cover Design: Diana Bogardus

Copy Editors:

Judy Lewis

Willow Meek

Curriculum Review:

Laura Welch

Kristen Pratt

Diana Bogardus

First printing: August 2021

Copyright © 2021 by Carrie Lindquist and Master Books®. All rights reserved. No part of this book may be used or reproduced in any manner whatsoever without written permission of the publisher, except in the case of brief quotations in articles and reviews. For information write:

Master Books®, P.O. Box 726, Green Forest, AR 72638

Master Books® is a division of the New Leaf Publishing Group, Inc.

ISBN: 978-1-68344-265-3

ISBN: 978-1-61458-786-6 (digital)

Unless otherwise noted, Scripture taken from the Holy Bible, NEW INTERNATIONAL READER'S VERSION®. Copyright © 1996, 1998 Biblica. All rights reserved throughout the world. Used by permission of Biblica.

Scriptures marked (NIV) taken from the Holy Bible, New International Version®, NIV®. Copyright © 1973, 1978, 1984, 2011 by Biblica, Inc.™ Used by permission of Zondervan. All rights reserved worldwide.

All images are shutterstock.com.

Printed in the United States of America.

Please visit our website for other great titles: www.masterbooks.com

.....

Permission is granted for copies of reproducible pages from this text to be made for use with immediate family members living in the same household. However, no part of this book may be reproduced, copied, broadcast, stored, or shared in any form beyond this use. Permission for any other use of the material must be requested by email from the publisher at info@nlpg.com.

.....

About the Author



Carrie Lindquist is a homeschool graduate, wife to Wayne, and momma to two energetic boys. She is a passionate advocate for homeschooling and loves helping new-to-homeschooling moms to realize that homeschooling through the early years isn't scary — it's really just an extension of all the fun things they are already doing with their children! When she isn't cleaning the endless little messes her boys create, you can find her encouraging moms to embrace the calling of everyday faithfulness.

Table of Contents

**Course
Objectives**
4

**A Note from
the Author**
4

**Course
Components**
5

**Master
Materials List**
6

Schedule
9

**Junior
Science
Certificate**
167

13	All About Me
17	Things I Can Taste
21	Things I Can Hear
25	Things I Can Feel
29	Things I Can Smell
33	Things I Can See
37	Taking Care of Me 1
41	Taking Care of Me 2
45	Tools We Use in Science
49	Light and Shadows
53	Primary and Secondary Colors
57	Size
61	Shape
65	Exploring My World
69	Water
73	Heat
77	Living and Non-Living
81	Plants
87	Trees
91	Birds
95	Fish
99	Sharks
103	Whales and Dolphins
107	Animals
113	Reptiles
119	Habitats
125	Caring for the World Around Us
129	The Weather
133	Spring & Summer
137	Fall & Winter
141	Daytime
145	Nighttime
151	Rocks & Minerals
155	Fossils
159	Dinosaurs
163	Conclusion

Course Description

Approximately 20 minutes per lesson, two times per week

Designed for kindergarten in a one-year course

Let's Talk Science: Adventures in the World Around Me introduces young learners to the amazing world of science. Through interactive lessons, hands-on activities, crafts, and engaging worksheets, students will discover God as the Creator of the world around them.

As they explore God's creation, students will discover how to use their five senses to investigate the world around them, learn basic properties of physical science, explore living and non-living things, and develop a love for learning more about God's creation through science.

Course Objectives

Students completing this course will:

- Learn that God is the Creator.
- Discover how they can use their five senses to learn more about the world around them.
- Develop their curiosity and build a foundation for future scientific study.
- Explore the tools we use in science, light and shadows, colors, size, shape, water, heat, living things, habitats, how to care for God's creation, weather, seasons, day and night, rocks, minerals, fossils, and dinosaurs.
- Enjoy learning about science through hands-on activities and crafts.

A note from the author

Welcome to *Let's Talk Science: Adventures in the World Around Me*! I'm so excited for you and your child to begin this adventure together. This stage of learning is so much fun and often filled with wide-eyed wonder as your child begins to discover more of the world around them.

If your child is anything like my children, your days are likely filled with many, many questions about the world they see around them. Each question sparked by curiosity becomes an amazing opportunity to learn, discover, and explore God's creation together. This course is inspired by the questions my sons have asked and the adventures we've had as we've answered those questions together.

Let's Talk Science: Adventures in the World Around Me is designed to be a lot of fun, interactive, hands-on, and easy to prepare for. This course is also designed to encourage curiosity — and if your child is particularly interested in a topic or question, I invite you to spend some time exploring God's world together through books, videos, and resources. Make this course your own, and have fun!

It is my prayer that as your child completes this course, they discover God as the Creator and develop a lifelong love for exploring His creation through science.

Course Components

- “The Adventures of Gideon and Mr. Snuggly” introduce the science topic for the week in a short story. These stories are designed to develop the student’s imagination and curiosity.
- Engaging worksheets encourage your student’s creativity and critical thinking skills.
- Most of the weekly lessons feature a hands-on activity or craft to reinforce the week’s topic. The activities are designed to be easy to prepare for, and most require materials you may already have on hand.
- A Master Materials List provides an at-a-glance view of the materials your student will need to complete activities during each week.
- This course is designed to be interactive. Be sure to take time to pause after questions in the text and explore the topic with your student. Encourage their curiosity and questions — you may both be able to learn something new together!

Flashlight



Tissue paper or cellophane in colors: red, orange, yellow, green, and blue



Rubber bands



Crayons or colored pencils



Weekly materials list



Master Materials List

Week 2

- ☐ Mirror

Week 4

- ☐ Something cold, like an ice cube or popsicle
- ☐ Something warm, like a cup of tea or hot chocolate
- ☐ Something cool, like cool water from the sink or food from the refrigerator

Week 5

- ☐ Pencil
- ☐ A few fragrant food items such as sliced orange, cheese crackers, vanilla, flavored cereal, garlic, onion, etc.
- ☐ Cup or container for each food selected
- ☐ Blindfold

Week 6

- ☐ Mirror

Week 7

- ☐ Fine glitter
- ☐ Plate
- ☐ Hand towel
- ☐ Sink
- ☐ Hand soap

Week 8

- ☐ A band-aid
- ☐ Sink
- ☐ Clean towel or cotton pad
- ☐ Optional: mild soap

Week 9

- ☐ An apple
- ☐ Cutting board
- ☐ Knife (adult only)
- ☐ Magnifying glass
- ☐ Ruler

Week 10

- ☐ Flashlight
- ☐ Opaque object such as a book or stuffed animal

Week 11

- ☐ 6 cotton swabs
- ☐ Washable red, blue, and yellow paint
- ☐ Paper
- ☐ Plastic tablecloth

Week 12

- ☐ An assortment of objects that are of small, medium, and large sizes

Week 14

- ☐ A flower
- ☐ Ruler
- ☐ Magnifying glass

Week 15

- ☐ Pitcher or container of water
- ☐ Clear glass cup
- ☐ Water
- ☐ Coffee maker or tea kettle
- ☐ Coffee mug
- ☐ Ice cubes

Week 16

- ☐ Your favorite cookie recipe
- ☐ Ingredients and supplies for recipe

Week 17

- ☐ Stuffed animal, baby doll, or action figure

Week 18

- ☐ Glue stick
- ☐ Construction paper
- ☐ Packet of seeds (flowers, herbs, etc.)
- ☐ Potting soil
- ☐ Small pot

Week 20

- ☐ Construction paper
- ☐ Scissors
- ☐ Googly eyes
- ☐ Glue
- ☐ Craft feathers
- ☐ 2 paper plates
- ☐ Stapler
- ☐ Crayons or markers
- ☐ Hole punch
- ☐ Yarn

Week 21

- ☐ Construction paper
- ☐ Glue stick
- ☐ Pencil
- ☐ Scissors
- ☐ Googly eye
- ☐ Popsicle stick
- ☐ Optional: glitter glue or craft gems

Week 22

- ☐ Glue
- ☐ Clothespin

Week 23

- ☐ Ziploc® sandwich bag
- ☐ Large bowl filled with ice water
- ☐ ½ to 1 cup butter or shortening
- ☐ Dish soap

Week 25

- ☐ Paint
- ☐ Paintbrush
- ☐ Paper plate
- ☐ Glue
- ☐ Scissors

Week 26

- ☐ Glue stick
- ☐ Scissors

Week 28

- ☐ Blue construction paper
- ☐ Crayons
- ☐ Cotton balls
- ☐ Glue
- ☐ Blue paint
- ☐ Cotton swab
- ☐ Tablecloth

Week 29

- ☐ Paper plate
- ☐ Yellow or orange paint
- ☐ Paintbrush
- ☐ Scissors
- ☐ Yellow or orange construction paper
- ☐ Tablecloth

Week 30

- ☐ White, blue, black, and orange construction paper
- ☐ Pencil
- ☐ Yarn
- ☐ Scissors
- ☐ Glue stick
- ☐ Googly eyes
- ☐ Optional: cotton balls or white glitter glue

Week 31

- ☐ Globe or ball
- ☐ Flashlight
- ☐ Dark room

Week 32

- ☐ Black construction paper
- ☐ Pencil
- ☐ Gray paint
- ☐ Paper plate
- ☐ Tinfoil
- ☐ White or silver glitter glue
- ☐ Tablecloth
- ☐ Scissors
- ☐ Brad fasteners

Week 33

- ☐ A pumice stone
- ☐ Magnifying glass
- ☐ Salt

Week 34

- ☐ Plate
- ☐ Chocolate chip cookie
- ☐ Toothpick or chopstick
- ☐ Paintbrush

Week 35

- ☐ Play-Doh®

First Quarter Schedule

Date	Day	Assignment	Due Date	✓
Week 1	Day	Read and complete Day 1 • All About Me • Pages 13–14		
	Day	Read and complete Day 2 • All About Me • Pages 15–16		
Week 2	Day	Read and complete Day 1 • Things I Can Taste • Pages 17–19		
	Day	Read and complete Day 2 • Things I Can Taste • Page 20		
Week 3	Day	Read and complete Day 1 • Things I Can Hear • Pages 21–22		
	Day	Read and complete Day 2 • Things I Can Hear • Pages 23–24		
Week 4	Day	Read and complete Day 1 • Things I Can Feel • Pages 25–26		
	Day	Read and complete Day 2 • Things I Can Feel • Pages 27–28		
Week 5	Day	Read and complete Day 1 • Things I Can Smell • Pages 29–30		
	Day	Read and complete Day 2 • Things I Can Smell • Pages 31–32		
Week 6	Day	Read and complete Day 1 • Things I Can See • Pages 33–34		
	Day	Read and complete Day 2 • Things I Can See • Pages 35–36		
Week 7	Day	Read and complete Day 1 • Taking Care of Me 1 • Pages 37–38		
	Day	Read and complete Day 2 • Taking Care of Me 1 • Pages 39–40		
Week 8	Day	Read and complete Day 1 • Taking Care of Me 2 • Pages 41–42		
	Day	Read and complete Day 2 • Taking Care of Me 2 • Pages 43–44		
Week 9	Day	Read and complete Day 1 • Tools We Use in Science • Pages 45–46		
	Day	Read and complete Day 2 • Tools We Use in Science • Pages 47–48		

