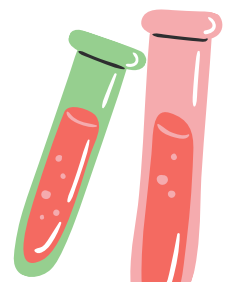




**But mummy,  
why do I  
need to  
study  
Science?**



© 2020, Sterling Campus Pte. Ltd

As our work relies on the proceeds from the sales of this guidebook, we seek your understanding and cooperation not to reproduce, store or further distribute this publication in any form or by any means, electronic, mechanical, photocopying, recording or otherwise.

SAMPLE

# INTRODUCTION

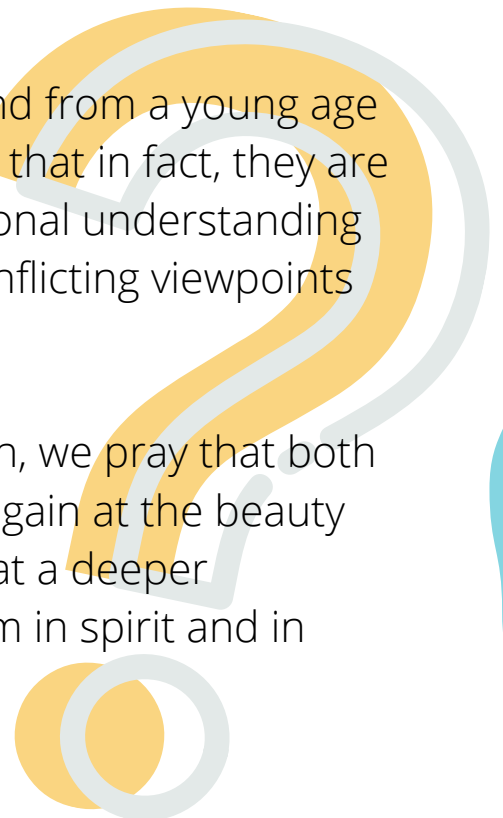
Children have a natural curiosity for the world around them. They stare at twinkling lights. They're fascinated by running water, ants, stairs ... They keep asking, *why, why, why*.

These skills of observation and curiosity are the fundamentals of science. Unfortunately, the pressure to score well in science sometimes squelches their inquisitiveness and makes the subject become more about rote-learning and trying to memorise model answers for the exams.

As Christian parents, our role is to reclaim the 'why' of science -- to help our children enjoy a subject that has the potential to show them so much about God and His attributes. Our goal is to help our children understand that through science, they have the privilege of observing, wondering and exploring the wide world they live in, and ultimately falling deeper in love with the God who made it all.

We also need to help our children understand from a young age that science and faith are not in conflict, and that in fact, they are complementary in many ways. This foundational understanding is important especially as they encounter conflicting viewpoints on evolution in their later schooling years.

As you explore this subject with your children, we pray that both you and your children will be amazed once again at the beauty and intricacy of God's handiwork and arrive at a deeper appreciation of what it means to worship Him in spirit and in truth.



# HOW TO USE THIS GUIDEBOOK

This guidebook is divided into two sections.

Section A is mainly for you, parents, to help you understand science from a Christian perspective. It follows the flow of the Biblical meta-narrative:



This background knowledge is very important as it frames the *'why'* of the subject and prevents the activities in Section B from becoming random and isolated from the larger context. You may want to share some of the ideas in this section with your children (especially when they ask WHY they need to study this subject!), but it is not necessary to go through every single point with them.

Section B delves into the *'how'* of integrating faith into the content that your child is learning in school by suggesting some activities you can engage your children with. It is *not* a comprehensive list; they are merely meant to spark ideas and further exploration. We have tried to structure the activities according to grade levels (lower and upper block), and have indicated at which points in the syllabus integration can be brought in.

Do keep in mind that integrating faith and learning does not mean finding a Bible verse for every unit, or trying to teach a moral lesson at every turn. Instead, it involves a holistic approach to learning, which includes strengthening bonds between parents and children, loving God with our minds, enjoying the process of discovering more about God's world, and applying our knowledge for the glory of God and the extension of His kingdom.

# CONTENTS

## SECTION A - CHRISTIAN WORLDVIEW OF SCIENCE

What does science reveal about God? .....	1
What are God's purposes for science? .....	7
What went wrong?.....	8
How does science contribute to flourishing in God's kingdom? .....	11
What can we look forward to in the new creation? .....	14

## SECTION B - INTEGRATING FAITH AND THE CURRICULUM

Lower Block (Pri 3-4) .....	17
Upper Block (Pri 5-6) .....	36
Further reading and resources .....	54
Bibliography .....	55
Acknowledgements .....	56

# INTEGRATING FAITH AND THE CURRICULUM

This section highlights some areas in the Primary School science syllabus where faith can be integrated.

Each unit starts with the key ideas for integration, then provides some suggested questions and activities that you can engage your child with. Some of the activities are as simple as having conversations over dinner or before bedtime; others will require some planning as they involve outdoor activities over longer periods of time. Enjoy the learning process with your kids!

## ACTIVITY SYMBOLS

Look out for the following symbols to help you choose which activity best suits your child and your schedule!



Conversations for the dinner table or on the go



Further research



Nature activities



Devotions



Indoor activities



Tips for parents

# ENJOYING GOD'S WIDE, WILD WORLD



There's so much diversity in the world around us.

Why do you think God created things with so much diversity? What does the diversity around us reveal about Him?



Borrow some books from the library on plants, trees, butterflies or birds and spend some time outdoors trying to identify them.

plants in Singapore



birds in Singapore



## TIPS FOR PARENTS...

He is a God of order (Gen 1); He cares about beauty and aesthetics (Gen 2:9); He is lavish in His generosity - all we see is an undeserved gift! He is wise and knows how everything works because He made them all (Prov 3:19).

***"How many are your works, Lord!  
In wisdom you made them all;  
the earth is full of your creatures."***

**Ps. 104:24**

Write your own Psalm with your children using some of the new scientific terms learnt in school, or some of the things that you have discovered in your research. Praise God for the wonderful diversity in His creation!



scan here for ideas on how to write a psalm!