

# Introduction

Do you know how television pictures are transmitted or why an atomic bomb can release enough energy to destroy an entire city? If you have questions like these about the world around you, then you are a curious person.

*The Physical World: An Introduction to Physical Science for Christian Schools* was written for you, the curious student. We have filled this textbook with answers to puzzling questions about why things happen and how things work. But this text should do more than simply answer your questions. It is intended to stimulate new questions that will cause you to expand your knowledge.

You will be introduced to realms that you have never before explored. This book will take you "inside" an atom; let you "see" what happens in solids, liquids, and gases; help you to discover the forces that make things move or keep things from moving; and show you forms of matter and energy that scientists are just beginning to understand.



*The Physical World* was also written for you because you are a Christian student. Christians have a very special reason for being curious about the world around them: the physical universe reveals the power and majesty of our God. We can see the Creator clearly in His creation. Patterns in nature, from the ordered movement of planets through space to the intricate movement of minute particles in matter, attest to His power. The entire universe, from atoms to galaxies, is governed and maintained by the infinite power of our God.

We have even deeper reasons for studying the physical universe. Not only did God create the universe for us, but He sent His Son to reconcile us to Himself when we rebelled in sin. Paul tells us in Colossians 1:12-17,

Giving thanks unto the Father, which hath made us meet to be partakers of the inheritance of the saints in light: Who hath delivered us from the power of darkness, and hath translated us into the kingdom of his dear Son: In whom we have redemption through his blood, even the forgiveness of sins: Who is the image of the invisible God, the firstborn of every creature: For by him were all things created, that are in heaven, and that are in earth, visible and invisible, whether they be thrones, or dominions, or principalities, or powers: all things were created by him, and for him: And he is before all things, and by him all things consist.



## Pronunciation Key

The pronunciation key used in this text is designed to give the reader a self-evident, acceptable pronunciation for the word as he reads it from the page. For more accurate pronunciations, the reader should consult a good dictionary. This pronunciation key will help the student who has difficulty interpreting the diacritical marks used in most dictionaries.

## Stress

Syllables with primary stress appear in **LARGE CAPITAL** letters. One-syllable words and syllables with secondary stress appear in **SMALL CAPITAL** letters. Unstressed syllables appear in lowercase letters. For example, the pronunciation of *kilogram* appears as (**KILL** uh **GRAM**).

Symbol	Example
c	voice = voyce
g	get = get
j	gentle = JEN tul
th	thin = thin
th	then = then
zh	vision = VIZH un

## Vowel Sounds

Symbol	Example
a	cat = KAT
a-e	cape = KAPE
ay	paint = PAYNT
e	jet = JET
eh	special = SPEH shul
ee	fiend = FEEND
i	swim = SWIM
ih	pity = PIH tee
eye	ivory = EYE vuh ree
i-e	might = MITE
y	pint = PYNT
	mighty = MY tee
ye	Levi = LEE vye
ah	cot = KAHT
ar	car = KAR
aw	all = AWL
o	potion = PO shun
oa	don't = DOANT
o-e	groan = GRONE
oh	own = OHN
u	some = SUM
uh	abet = uh BET
oo	tune = TOON
oo	push = POOSH
ou	loud = LOUD
oy	toil = TOYL

# Science and the Christian

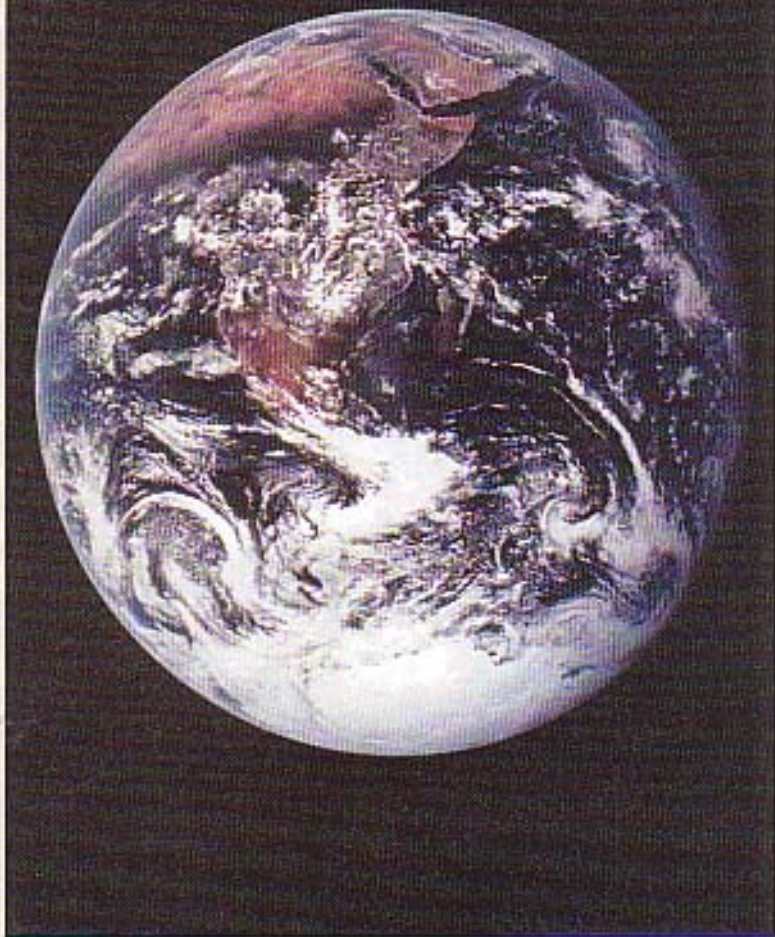
1A A Framework for Science

1B An Outlook on Science

1C Science in the Bible

Chapter

1



**M**an has an unquenchable thirst to know and understand the world around him. From the moment a baby is born, he opens his eyes and ears and begins to ponder the colorful, noisy world. Later, he begins to taste and touch things his parents bring to him. Eventually, he will grow dissatisfied and crawl to find things on his own. One day he will communicate his findings to others, perhaps in a church nursery or later on in a classroom.

The first activities related to science are found in the Word of God, when the Lord told Adam and Eve to “be fruitful, and multiply, and replenish the earth, and subdue it” (Gen. 1:28).