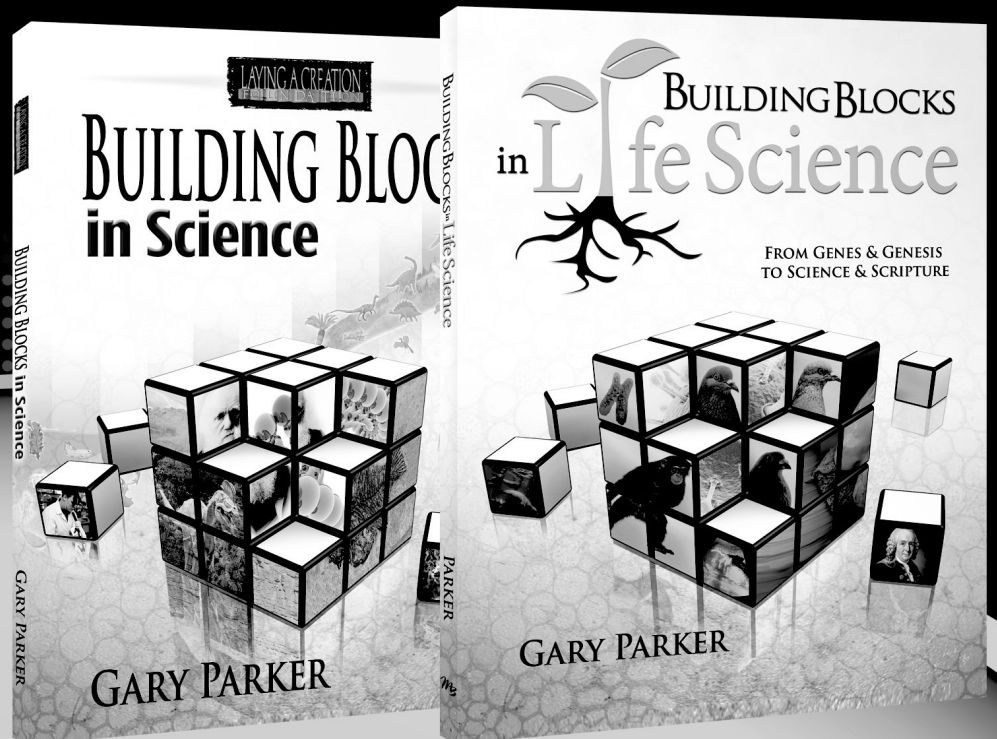






# THE SCIENCE OF LIFE: BIOLOGY

## Parent Lesson Planner (PLP)



-  Weekly Lesson Schedule
-  Student Worksheets
-  Quizzes & Test
-  Answer Key

8th – 9th grade

1 Year  
Science

1/2 Credit

First printing: April 2013  
Second printing: August 2013

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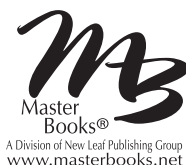
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Unless otherwise noted, Scripture quotations are from the New King James Version of the Bible.

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Psalm 11:3; NKJV

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*But sanctify the Lord God in your hearts, and always be ready  
to give a defense to everyone who asks you a reason for the hope  
that is in you, with meekness and fear.*

1 Peter 3:15; NKJV

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## Lessons for a 36-week course!

**Overview:** This *Science of Life: Biology PLP* contains materials for use with *Building Blocks in Science* and *Building Blocks in Life Science*. Materials are organized by each book in the following sections:






	Study guide worksheets
	Quizzes
	Semester Test & Final Exams
	Answer Key

<p>Suggested Optional Science Lab See page 7</p>
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**Features:** Each suggested weekly schedule has two to three easy-to-manage lessons that combine reading, worksheets, and vocabulary building opportunities including an expanded glossary for each book. Designed to allow your student to be independent, materials in this resource are divided by section so you can remove quizzes, tests, and answer keys before beginning the coursework. As always, you are encouraged to adjust the schedule and materials needed to in order to best work within your educational program.

**Workflow:** Students will read the pages in their book and then complete each section of the PLP. They should be encouraged to complete as many of the activities and projects as possible as well. Tests are given at regular intervals with space to record each grade. If used with younger students, they may be given the option of only choosing activities or projects of interest to them and taking open book tests.

**Lesson Scheduling:** Space is given for assignment dates. There is flexibility in scheduling. For example, the parent may opt for a M–W schedule rather than a M, W, F schedule. Each week listed has five days but due to vacations the school work week may not be M–F. Adapt the days to your school schedule. As the student completes each assignment, he/she should put an X in the box.

	Approximately 30 to 45 minutes per lesson, two to three days a week
	Includes answer keys for worksheets, quizzes, and semester exams
	Includes a worksheet for each chapter
	Quizzes are included to help reinforce learning and provide assessment opportunities; optional semester exams included
	Designed for grades 8 – 9 in a one-year course to earn 1/2 science credit

Course includes books from creationist authors with solid, biblical world views:

**Dr. Gary Parker** — *Building Blocks in Science*, *Building Blocks in Life Science*

After starting his 30-year college teaching career as a non-Christian evolutionist, Dr. Gary Parker became a zealous creationist, eventually serving as professor of biology at the Institute for Creation Research in San Diego, lecturing worldwide for both ICR and Answers in Genesis, writing five science textbooks and seven creation books (translated into over ten languages), and appearing in numerous films, videos, and television programs. Dr. Parker and his wife, Mary, also run family camps, workshops, and credit courses through the Creation Adventures Museum near their home in Arcadia, Florida.

# The Science of Life: Biology

## Course Description

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This is the suggested course sequence that allows one core area of science to be studied per semester. You can change the sequence of the semesters per the needs or interests of your student; materials for each semester are independent of one another to allow flexibility.

## Semester 1: Intro to Science

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Have you ever wondered about human fossils, “cave men,” skin color, “ape-men,” or why missing links are still missing? Want to discover when *T. Rex* was small enough to fit in your hand? Or how old dinosaur fossils are — and how we know the age of these bones? Learn how the Bible’s world view (not evolution’s) unites evidence from science and history into a solid creation foundation for understanding the origin, history, and destiny of life — including yours! In *Building Blocks in Science*, Gary Parker explores some of the most interesting areas of science: fossils, the errors of evolution, the evidences for creation, all about early man and human origins, dinosaurs, and even “races.” Learn how scientists use evidence in the present, how historians use evidence of the past, and discover the biblical world view, not evolution, that puts the two together in a credible and scientifically sound way!

## Semester 2: Life Science

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Study clear biological answers for how science and Scripture fit together to honor the Creator. Have you ever wondered about such captivating topics as genetics, the role of natural selection, embryonic development, or DNA and the magnificent origins of life? Within *Building Blocks in Life Science* you will discover exceptional insights and clarity to patterns of order in living things, including the promise of healing and new birth in Christ. Study numerous ways to refute the evolutionary world view that life simply evolved by chance over millions of years. The evolutionary world view can be found filtered through every topic at every age-level in our society. It has become the overwhelmingly accepted paradigm for the origins of life as taught in all secular institutions. This dynamic education resource helps young people not only learn science from a biblical perspective, but also helps them know how to defend their faith in the process.

## Suggested Optional Science Lab

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There are a variety of companies that offer science labs that complement our courses. These items are only suggestions, not requirements, and they are not included in the daily schedule. We have tried to find materials that are free of evolutionary teaching, but please review any materials you may purchase. The following items are available from [www.HomeTrainingTools.com](http://www.HomeTrainingTools.com).

*The Science of Life: Biology*

We highly recommend the purchase of good microscope and general slide sets. Scientific coloring books may also be helpful.

*Building Blocks in Science*

BE-DNA Lab DNA Isolation Lab

BE-BLDTEST Blood Test Kit, Individual

## First Semester Suggested Daily Schedule

Date	Day	Assignment	Due Date	✓	Grade
First Semester-First Quarter — <i>Building Blocks in Science</i>					
Week 1	Day 1	Read Pages 4-10 • <i>Building Blocks in Science</i> • (BBS)			
	Day 2				
	Day 3	The Classic Debate <b>Ch1: Worksheet 1</b> • Page 15 • Lesson Plan (LP)			
	Day 4				
	Day 5	Read Pages 12-16 • (BBS)			
Week 2	Day 6	Creationist's Opening Remarks <b>Ch2: Worksheet 1</b> • Page 17 • (LP)			
	Day 7				
	Day 8	Read Pages 18-20 • (BBS)			
	Day 9				
	Day 10	The Nature of Science <b>Ch3: Worksheet 1</b> • Page 19 • (LP)			
Week 3	Day 11				
	Day 12	Read Pages 22-24 • (BBS)			
	Day 13				
	Day 14	Evolution vs. Science <b>Ch4: Worksheet 1</b> • Page 21 • (LP)			
	Day 15				
Week 4	Day 16	Read Pages 26-31 • (BBS)			
	Day 17				
	Day 18	Read Pages 32-36 • (BBS)			
	Day 19				
	Day 20	Historical Timelines <b>Ch5: Worksheet 1</b> • Page 23 • (LP)			
Week 5	Day 21	Read Pages 38-42 • (BBS)			
	Day 22				
	Day 23	Scientifically Testable Predictions <b>Ch6: Worksheet 1</b> • Page 25 • (LP)			
	Day 24				
	Day 25	Unit 1 Chapters 1-6 Study Day			
Week 6	Day 26	<b>Unit 1 Chapters 1-6 Quiz 1</b> • Page 101 • (LP)			
	Day 27				
	Day 28	Read Pages 44-52 • (BBS)			
	Day 29				
	Day 30	Dinosaurs, Creation, and the Fall <b>Ch7: Worksheet 1</b> • Page 27 • (LP)			



Date	Day	Assignment	Due Date	✓	Grade
Week 7	Day 31	Read Pages 54-60 • (BBS)			
	Day 32				
	Day 33	Dinosaurs, the Flood, & the Gospel Bonus Project <b>Ch8: Worksheet 1 • Page 29 • (LP)</b>			
	Day 34				
	Day 35	Dinosaurs, the Flood, & the Gospel <b>Ch8: Worksheet 2 • Page 31 • (LP)</b>			
Week 8	Day 36				
	Day 37	Read Pages 62-66 • (BBS)			
	Day 38				
	Day 39	Dinosaurs, Evolution, and Science <b>Ch9: Worksheet 1 • Page 33 • (LP)</b>			
	Day 40				
Week 9	Day 41				
	Day 42	Read Pages 68-72 • (BBS)			
	Day 43				
	Day 44	“Terrible Lizards” or “Terrible Reptiles” <b>Ch10: Worksheet 1 • Page 35 • (LP)</b>			
	Day 45				
First Semester/Second Quarter					
Week 1	Day 46				
	Day 47	Read Pages 74-78 • (BBS)			
	Day 48				
	Day 49	Dinosaurs or Birds? <b>Ch11: Worksheet 1 • Page 37 • (LP)</b>			
	Day 50				
Week 2	Day 51				
	Day 52	Read Pages 80-88 • (BBS)			
	Day 53				
	Day 54	What about Dino Extinction and an “Age of Dinosaurs”? <b>Chapter 12: Worksheet 1 • Page 39 • (LP)</b>			
	Day 55				
Week 3	Day 56				
	Day 57	Read Pages 90-96 • (BBS)			
	Day 58				
	Day 59	Dinosaurs in Recorded History <b>Ch13: Worksheet 1 • Page 41 • (LP)</b>			
	Day 60				

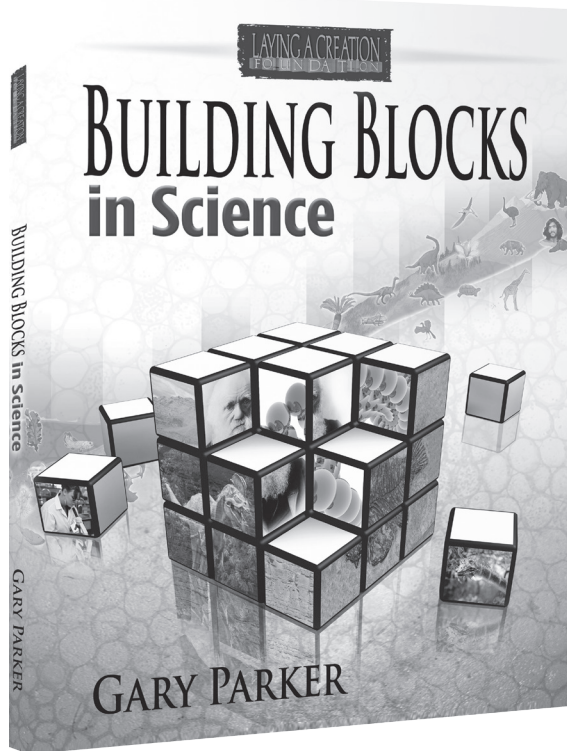
Date	Day	Assignment	Due Date	✓	Grade
Week 4	Day 61	Unit 2 Chapters 7-13 Study Day			
	Day 62				
	Day 63	<b>Unit 2 Chapters 7-13 Quiz 2 • Page 103 • (LP)</b>			
	Day 64				
	Day 65	Read Pages 98-106 • (BBS)			
Week 5	Day 66	“Cave Men” and “Human Evolution” <b>Ch14: Worksheet 1 • Page 43 • (LP)</b>			
	Day 67				
	Day 68	Read Pages 108-114 • (BBS)			
	Day 69				
	Day 70	Enormous Errors in the Evolutionist’s Evidence <b>Ch15: Worksheet 1 • Page 45 • (LP)</b>			
Week 6	Day 71	Read Pages 116-122 • (BBS)			
	Day 72				
	Day 73	Nebraska Man and the Scopes “Monkey” Trial <b>Ch16: Worksheet 1 • Page 47 • (LP)</b>			
	Day 74				
	Day 75	Read Pages 124-128 • (BBS)			
Week 7	Day 76	<i>Australopithecines</i> <b>Ch17: Worksheet 1 • Page 49 • (LP)</b>			
	Day 77				
	Day 78	Read Pages 130-136 • (BBS)			
	Day 79				
	Day 80	“Away from Evolution” <b>Ch18: Worksheet 1 • Page 51 • (LP)</b>			
Week 8	Day 81	Read Pages 138-144 • (BBS)			
	Day 82				
	Day 83	Dating Fossils of Apes and People <b>Ch19: Worksheet 1 • Page 53 • (LP)</b>			
	Day 84				
	Day 85	Read Pages 146-152 • (BBS)			
Week 9	Day 86	In God’s Image <b>Ch20: Bonus Project, Worksheet 1 • Page 55 • (LP)</b>			
	Day 87				
	Day 88	Unit 3 Chapters 14-20 Study Day			
	Day 89	<b>Unit 3 Chapters 14-20 Quiz 3 • Page 105 • (LP)</b>			
	Day 90	<b>Chapters 1-20 Test 1 • Page 107 • (LP)</b>			
		Midterm Grade			

## Second Semester Suggested Daily Schedule

Date	Day	Assignment	Due Date	✓	Grade
Second Semester/Third Quarter — <i>Building Blocks in Life Science</i>					
Week 1	Day 91	Read Pages 3-5 • <i>Building Blocks in Life Science</i> • (BBLs)			
	Day 92				
	Day 93	Read Pages 6-12 • (BBLs)			
	Day 94				
	Day 95	Genes and Genesis <b>Ch1: Worksheet 1</b> • Page 59 • Lesson Plan • (LP)			
Week 2	Day 96	Read Pages 14-18 • (BBLs)			
	Day 97				
	Day 98	Gene Pools <b>Ch2: Worksheet 1</b> • Page 61 • (LP)			
	Day 99				
	Day 100	Read Pages 20-24 • (BBLs)			
Week 3	Day 101	Read Pages 25-28 • (BBLs)			
	Day 102				
	Day 103	Species, Kind, and the Mosaic Concept <b>Ch3: Worksheet 1</b> • Page 63 • (LP)			
	Day 104				
	Day 105	Read Pages 30-34 • (BBLs)			
Week 4	Day 106	“Change through Time” vs. Darwinian Change <b>Ch4: Worksheet 1</b> • Page 65 • (LP)			
	Day 107				
	Day 108	Read Pages 36-42 • (BBLs)			
	Day 109				
	Day 110	Natural Selection, Yes; Evolution, No <b>Ch5: Worksheet 1</b> • Page 67 • (LP)			
Week 5	Day 111	Read Pages 44-47 • (BBLs)			
	Day 112				
	Day 113	Read Pages 48-52 • (BBLs)			
	Day 114				
	Day 115	Design vs. Darwin <b>Ch6: Worksheet 1</b> • Page 69 • (LP)			
Week 6	Day 116	Read Pages 54-60 • (BBLs)			
	Day 117				
	Day 118	Mutations, Yes; Evolution, No <b>Ch7: Worksheet 1</b> • Page 71 • (LP)			
	Day 119				
	Day 120	Read Pages 62-66 • (BBLs)			

Date	Day	Assignment	Due Date	✓	Grade
Week 7	Day 121	Darwinian Change vs. Biblical Change <b>Ch8: Worksheet 1 • Page 73 • (LP)</b>			
	Day 122				
	Day 123	Unit 1 Chapters 1-8 Study Day			
	Day 124				
	Day 125	<b>Unit 1 Chapters 1-8 Quiz 1 • Page 111 • (LP)</b>			
Week 8	Day 126	Read Pages 68-74 • (BBLs)			
	Day 127				
	Day 128	Patterns in Structure <b>Ch9: Worksheet 1 • Page 75 • (LP)</b>			
	Day 129				
	Day 130	Read Pages 76-82 • (BBLs)			
Week 9	Day 131	Classifications: Mosaics or “Missing Links”? <b>Ch10: Worksheet 1 • Page 77 • (LP)</b>			
	Day 132				
	Day 133	Read Pages 84-90 • (BBLs)			
	Day 134				
	Day 135	Development: Life before Birth <b>Ch11: Worksheet 1 • Page 79 • (LP)</b>			
Second Semester/Fourth Quarter					
Week 1	Day 136	Read Pages 92-96 • (BBLs)			
	Day 137				
	Day 138	Read Pages 97-102 • (BBLs)			
	Day 139				
	Day 140	Creation, Evolution, and the Embryo <b>Ch12: Worksheet 1 • Page 81 • (LP)</b>			
Week 2	Day 141	Unit 2 Chapters 9-12 Study Day			
	Day 142				
	Day 143	<b>Unit 2 Chapters 9-12 Quiz 2 • Page 113 • (LP)</b>			
	Day 144				
	Day 145	Read Pages 104-105 • (BBLs)			
Week 3	Day 146	Read Pages 106-110 • (BBLs)			
	Day 147				
	Day 148	Bio-Logical Molecules <b>Ch13: Worksheet 1 • Page 83 • (LP)</b>			
	Day 149				
	Day 150	Read Pages 112-116 • (BBLs)			

Date	Day	Assignment	Due Date	✓	Grade
Week 4	Day 151	Living Cells <b>Ch14: Worksheet 1</b> • Page 85 • (LP)			
	Day 152				
	Day 153	Read Pages 118-122 • (BBLs)			
	Day 154				
	Day 155	Chemical Evolution <b>Ch15: Worksheet 1</b> • Page 87 • (LP)			
Week 5	Day 156	Read Pages 124-130 • (BBLs)			
	Day 157				
	Day 158	Evidence of Creation? <b>Ch16: Worksheet 1</b> • Page 89 • (LP)			
	Day 159				
	Day 160	Read Pages 132-136 • (BBLs)			
Week 6	Day 161	Origin and Operation <b>Ch17: Worksheet 1</b> • Page 91 • (LP)			
	Day 162				
	Day 163	Read Pages 138-142 • (BBLs)			
	Day 164				
	Day 165	“Transcendent Simplicity” and “Kind of Order” <b>Ch18: Worksheet 1</b> • Page 93 • (LP)			
Week 7	Day 166	Pages 144-150 • (BBLs)			
	Day 167				
	Day 168	DNA and Reproduction <b>Ch19: Worksheet 1</b> • Page 95 • (LP)			
	Day 169				
	Day 170	Unit 3 Chapters 16-19 Study Day			
Week 8	Day 171	<b>Unit 3 Chapters 13-19 Quiz 3</b> • Page 115 • (LP)			
	Day 172				
	Day 173	Critical Thinking Questions <b>Ch19: Worksheet 2</b> • Page 97 • (LP)			
	Day 174				
	Day 175	Review All Worksheets • (LP)			
Week 9	Day 176	Chapters 1-19 Study Day			
	Day 177				
	Day 178	Chapters 1-19 Study Day			
	Day 179				
	Day 180	<b>Chapters 1-19 Test 1</b> • Page 117 • (LP)			
		Final Grade			



**Biology Worksheets**  
for Use with  
***Building Blocks in Science***



- Which of these questions is used to challenge the Christian faith and belief in the Bible?
  - Did Noah take dinosaurs on the ark?
  - If God created only Adam and Eve, where did their son Cain get his wife?
  - If creation should be taught in schools, should Muslim and Buddhist views be taught as well as Christian?
  - Why would an all-powerful, all-loving God create the AIDS virus and allow birth defects?
  - If fossils and living things show struggle and death, does that mean God used millions of years of struggle and death to create?
  - All of the above
- The author began his college biology teaching career as an enthusiastic evolutionist; what enticed him to study the Bible and the evidence for creation?
  - the scientific search for truth
  - a spiritual encounter with Jesus Christ
  - a promise he made if God would get him out of trouble
  - intellectual honesty and academic curiosity
  - free coffee and donuts
  - none of the above
- Match each of the Bible quotations below with one of the three Bible references below.  
*Genesis 1:1    1 Peter 3:15    1 Timothy 6:20*
  - \_\_\_\_\_ a. “In the beginning God created the heaven and the earth.”
  - \_\_\_\_\_ b. “. . . avoiding profane and vain babblings of science falsely so-called. . . .”
  - \_\_\_\_\_ c. “Be ready always to give an answer to every man that asketh you a reason of the hope that is in you.”
- Darwin believed evolution was produced by the “\_\_\_\_\_ of nature,” a ceaseless “\_\_\_\_\_ for survival,” plus “\_\_\_\_\_” among members of a species which, he said, led to “survival of the \_\_\_\_\_.”
- Which of these arguments was NOT used by the “classic evolutionist” in his/her opening remarks?
  - Experiments show DNA and living cells could evolve without help from God.
  - People and other animals harm each other because of the struggle for survival, not because of sin.
  - The human body contains no useless, leftover parts, because evolution eliminated all of them.
  - Fossils and radioactive decay dating show the earth is way older than the Bible allows.
  - We must look to science, not God, to make the world a better place to live.
  - None of the above; the evolutionist made all the claims above.

6. Ultimately there are only two views about the origin of the universe: either the universe \_\_\_\_\_, or the universe was made by \_\_\_\_\_. In the classic and current debate, the first view is held by (**creationists/evolutionists**) \_\_\_\_\_ and the second by (**creationists/evolutionists**) \_\_\_\_\_.