- *For more in-depth scheduling suggestions, see the margin notes in LIFE SCIENCE Teacher's Edition and LIFE SCIENCE Lab Manual Teacher's Edition.
- **These Bible integration topics are covered in the teacher's edition margin notes and are not directly covered in the student text.
- †These investigations are carried out over several class days or even several weeks. See the margin notes in *LIFE SCIENCE Teacher's Edition* and *LIFE SCIENCE Lab Manual Teacher's Edition* for more detailed scheduling instructions.

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Lesson Plan Overview

Day(s)	Topic	Pages	Support Materials*	Bible Integration
		Unit 1: Fo	undations of Life Sc	ience
Chapter 1: 1	The World of Life S	cience		
1	Introduction to LIFE SCIENCE	viii–xi		Purpose of studying life science
2	1A What Is Science?			Model-making nature of science
				Limitations of science
		2–9	Application 1a: Searching for the Truth	Effects of presuppositions in science
				Reasons for studying science
				Biblical view of science
3	1B Why Take a Christian Approach?			Contrast between naturalistic and biblical worldviews
	17			The Flood and fossils
		9–16	Class Investigation 1d: Is Measuring	Image of God in man
			Accurate?	Creation Mandate
				Effects of the Fall and man's sin
				Redemption found in Christ

Day(s)	Topic	Pages	Support Materials*	Bible Integration
4	1C How Do Scientists Work?		Application 1b: The Scientific Method	Life of service in science for God's glory
		16–22	Application 1c: Defining the Problem and Forming a Hypothesis	
5			Class Investigation 1e: Popcorn Science	
6	Chapter 1 Review			
7	Chapter 1 Test			
Chapter 2:	Characteristics and	Classification	n of Life	
8	2A Life and Cells			Creation "after their kind"
			Application 2a: Being	God as the Creator and Source of life
			Alive	Physical and spiritual life
		28–35	Application 2b: The Cell Theory	Gaia theory contrasted with a biblical worldview
9	_		Class Investigation	
3			2j: The pH of Life Substances	
10	2B Molecules and Life		Application 2c: Cellular Functions	Molecules as an example of God's provision for His creatures
		35–39	Application 2d: Molecules and Life	Stewarding resources God has given us in creative and helpful ways
			Field Investigation 2m: Grouping Plants by Characteristics†	
11			Class Investigation 2k: Protein in Life Substances	
			or	
			Class Investigation 2l: The Action of Enzymes	

Day(s)	Topic	Pages	Support Materials*	Bible Integration
13	2C Classification of Life	39–48	Application 2e: The Modern Classification System Application 2f: Scientific Names	Classifying life as a fulfillment of the Creation Mandate Biblical perspective on humans' relationship to the animal kingdom Role of names in the Bible Evolutionary assumptions in the modern classification system Species versus biblical kinds
14			Application 2g: The Living Kingdoms Application 2i: Classification Review Application 2h: Using a Dichotomous Key	
15	Chapter 2 Review			
16	Chapter 2 Test			
Chapter 3: 0	Cell Structure			
17	3A Cell Membranes	53–59	Application 3a: Membranes and Their Important Properties	Complexity of life as a testimony to God's benevolent design Difficulty of evolution to explain the cell's complexity God's glory declared in His creation**
18			Class Investigation 3e: Diffusion Rates or Class Investigation 3f: Osmosis†	
19	3B Typical Parts of Cells	59–66	Application 3c: Typical Parts of Cells	

Day(s)	Topic	Pages	Support	Bible Integration
			Materials*	
20			Class Investigation	
21	_		3g: How to Use a Microscope	
21			Microscope	
			Application 3b: The	
			Compound Light Microscope	
22	3C Types of Cells		Class Investigation	Irreducible complexity and design in the
	,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,		3i: Turgor Pressure	cell
		66–69		
			Application 3d: Review	Serving God as a pathologist
23			Class Investigation	
			3h: Observing Cells	
24	Chapter 3 Review		with a Microscope	
	·			
25	Chapter 3 Test			
Chapter 4: 0	Cell Activities			
26	4A Order Among Cells			Stewardship of the bodies God has given us
			Application 4a:	given de
		75–78	Division of Labor	Functions of the different parts of the
				human body as an example of functions in the body of Christ (1 Cor.
				12)
27	4B Cellular Respiration		Class Investigation 4e: Aerobic Cellular	Origin of energy and matter**
	Respiration		Respiration†	The problem that irreducible complexity
				in cellular activities presents for
		78–83	Application 4b: Cellular Respiration	evolution
28	-		Class Investigation	Cellular respiration as a marvelous
			4f: Anaerobic	example of God's handiwork
			Cellular Pospiration+	
29	4C		Respiration† Application 4c:	Leaven in the Bible A Christian versus a secular view of
	Photosynthesis		Photosynthesis	photosynthesis and its role in
30			Class Investigation	maintaining life
		83–86	4g: Starch from Photosynthesis†	
			7 1101007111100107	
			Application 4d:	
31	Chapter 4 Review		Review	
32				

Day(s)	Topic	Pages	Support Materials*	Bible Integration
33	Chapter 4 Test	1		
		Unit 2: He	redity and the Origin o	of Life
Chapter 5:	The Cell Cycle and	Protein Synth	esis	
34	5A Genes and Cell Division			Cell division and finding treatments for cancer
35			Application 5a: The Cell Cycle	God's knowledge of us from the womb
36		94–101	Application 5b: Sexual and Asexual Reproduction	
			Application 5c: Genes and Mitosis	
37			Class Investigation 5e: The Phases of Mitosis	
38	5B How Genes Function		Application 5d: How Genes Function	Design in DNA that drove Antony Flew to deism
39			Class Investigation	Using the resources God has given us to solve problems and help people Effects of the Fall and the need for
		101–7	5f: A Model of DNA, RNA, and Protein Synthesis	spreading the gospel** Irreducible complexity in protein synthesis
				Necessity of the Bible, not just the physical creation, to tell us about the Designer
40	Chapter 5 Review	•		
41	Chapter 5 Test			
Chapter 6:	Genetics of Organis	sms		
42	6A The Origin of Modern Genetics	113–18	Application 6a: Modern Genetics	Genetics revealing the orderliness and diversity of creation

Day(s)	Topic	Pages	Support Materials*	Bible Integration
43	6B Heredity		Application 6d: Punnett Squares (Simple Dominance)	
			Application 6e: Genetics Problems (Simple Dominance)	
44			Application 6d: Punnett Squares (Multiple Alleles, Incomplete Dominance)	
		118–25	Application 6e: Genetics Problems (Incomplete Dominance, Multiple Alleles)	
45			Class Investigation 6f: Inheritance of Traits	
46			Application 6d: Punnett Squares (Sex-Linked Traits)	
			Application 6e: Genetics Problems (Sex-Linked Traits)	
47	6C Genetic Disorders			Genetic disorders and God's sovereignty
		125–27	Application 6b: Genes, Chromosomes, and Heredity	God's control of human development Sanctity of human life The Bible and abortion
				Sin as the cause of pain in the world
40	01		A sullivation 2	The Bible and discrimination**
48	Chapter 6 Review		Application 6c: Review	
49	Chapter 6 Test			
Chapter 7:	│ Genetic Changes a	nd Biotechno	logy	

Day(s)	Topic	Pages	Support Materials*	Bible Integration
50	7A Mutations			Grace of God in allowing man to solve problems
				Absolute authority of God's Word in guiding our thoughts and actions
				The Curse and the Flood as two major global changes
		133–38		Biotechnology and the value of human life
				Mutations and the Fall
				Biblical versus secular view of mutations
				Beneficial mutations and creation versus evolution**
51	7B Genetic			Serving God as a livestock breeder
	Engineering			Biblical perspective on genetic engineering
		139–43	Application 7a: Mutations	Spiritual nature of man
				Stewardship of God's creation
				Impossibility of man producing a perfect world
52	7C Cloning		Analiantina 7h. O.u.	Biblical perspective on cloning
		143–46	Application 7b: Our Use of Genetics	Jacob and Esau as an example of twins in the Bible**
53	7D Stem Cell Technology	146–47	Class Investigation 7d: Observing Radiation Effects on	Biblical perspective on stem cell research
			Seedlings	Sanctity of human life
54	Chapter 7 Review	V	Application 7c: Review	
55	Chapter 7 Test			
Chapter 8:	In the Beginning			
56	8A Biblical Creationism	154–62	Application 8a: What the Bible Teaches About Creation	Role of faith in beliefs about origins

Day(s)	Topic	Pages	Support Materials*	Bible Integration
57			Personal Investigation 8e: The Scale of Noah's Ark†	Contrast between biblical creationism and evolutionism The Bible as our authoritative source Summary of the Bible's teachings on Creation Literal view of Creation Nonliteral views of Creation The age of the earth Evolutionary vs. creationary interpretations of fossils The Bible and dinosaurs Dinosaurs and problems for evolution The Flood and Noah's ark
58	8B History of Evolutionary		Application 8b: Review	Evaluating evolution in light of God's truth
59	Theory	163–70	Research Investigation 8f: Dinosaurs†	Natural selection and speciation Evaluating Lamarck's, Darwin's, and De Vries's theories Evaluating modern evolutionary theories Evaluating intelligent design
60	8C A Record of Evolution?		Research Investigation 8h: Evolutionary Family Trees	Evaluating the "evidences" of evolution The fossil record
61		171–76	Application 8c: Defining Concepts of Evolution	Speciation and biblical kinds Ultimate question of origins
			Application 8d: A Record of Evolution	God's creation of and continued direction of the processes we observe in the world
62			Class Investigation 8g: Making a New Gene	

Day(s)	Topic	Pages	Support Materials*	Bible Integration
63	Chapter 8 Review	1		
64	Chapter 8 Test			
		Unit 3: Mic	robiology and Plant B	Biology
Chapter 9:	The Microscopic W	orld		
65	9A Kingdoms Archaebacteria			The microscopic world as a hidden menace of the Fall but also as an
66	and Eubacteria			unseen mercy of God's sustenance
		184–91	Application 9a: Kingdoms Archaebacteria and Eubacteria	The problems that archaebacteria present for evolution
			Eddaotena	Antibiotic-resistant bacteria and evolution
67			Class Investigation 9d: Graphing Bacterial Growth	
68	9B Kingdom Protista			Evolutionary versus creationary views on the origin of protozoans
69		191–96	Class Investigation 9e: Observing Protists	
70	9C Kingdom Fungi	196–200	Class Investigation 9f: Examining a Mushroom†	Fungi as examples of the effects of the Fall and of God's involvement in maintaining His world
			Application 9b: Kingdom Fungi	Views on the origin of eukaryotic and prokaryotic cells
71			Class Investigation 11g: Factors That Affect Germination†	
72	Chapter 9 Review		Application 9c: Review	
73	Chapter 9 Test		•	
Chapter 10	: Structure and Fun	ction of Plants	S	
74	10A Plant Structure	206–13	Class Investigation 10g: How Much Water Is Lost During Transpiration?†	The plant world bearing testimony of an omniscient, benevolent Creator

Day(s)	Topic	Pages	Support Materials*	Bible Integration
75			Application 10a: Root and Leaf Structure	
			Class Investigation 10i: Gravitropism in Seedlings†	
			Application 10b: Structures and Functions of Plants	
76	10B Plant Functions		Application 10c: Photosynthesis and Leaves	Psalm 1 and a Christian's need for God's Word
77		213–20	Class Investigation 10f: Leaf Design and Function	Trusting the Lord (Job 8)**
78	_		and i direttori	Using plant hormones to meet people's needs
	10C Plant Responses	220–22		Biblical view of tropisms in plants contrasted with an evolutionary view
79	- Acceptances		Class Investigation 10h: Is Light Necessary for Photosynthesis?†	
80	Chapter 10 Review	w	Application 10d: Plant Anatomy Review	
			Application 10e: Plant Physiology Review	
81	Chapter 10 Test		, injecting the near	
Chapter 11:	: Plant Classification	n and Reprod	luction	
82	11A Plant Classification		Class Investigation 12j: Butterfly Metamorphosis†	Fossilized ferns and a biblical worldview Serving God as a horticulturist
		228–35	Application 11a: Major Plant Groups	
83			Field Investigation 11e: Moss Structures	
84	11B Plant Reproduction	225 42	Class Investigation 11f: Flower Dissection	God's creation of the ability to reproduce
		235–42	Application 11b: Flowers	Plants as a testimony to God's glory,

Day(s)	Topic	Pages	Support Materials*	Bible Integration
85				beauty, and design of nature
				Evolution of plants and a creationist response**
			Application 11c: Pollination and Scattering Seeds	The lily of the field as an illustration of God's care for us
			Country Goods	Evolution and pollen in Grand Canyon strata
				Comparison of fruit growth and spiritual growth (Luke 6; Galatians 5)
86	Chapter 11 Review		Application 11d: Review	,
87	Chapter 11 Test		•	

Unit 4: The Ani	imal Kingdom
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Chapter	12: The Invertebrates			
88	12A Introduction to the Animal Kingdom 12B Sponges and Cnidarians	250–52 252–55		Role of invertebrates in God's creation Differences between plants and animals in the Bible**
89	12C Flatworms and Roundworms		Application 12a: Sponges and Jellyfish	The Fall as the origin of parasitic organisms
		255–58	Application 12b: The Planarian: A Type of Flatworm	King Herod and "worms" in the Bible**
90			Research Investigation 12i: Other Sponges, Jellyfish, and Worms†	
91			Class Investigation 12h: Earthworm Dissection	
92	12D Segmented Worms: The Earthworm	259–62	Application 12c: The Earthworm	
93	12E Mollusks and Echinoderms	262–65		Role of mollusks and echinoderms in creation
94	12F Arthropods	266–70	Application 12d: Mollusks	God's design of arthropods

Day(s)	Topic	Pages	Support Materials*	Bible Integration
95			Application 12f: Arthropods	Insects in the Bible
			Application 12e: Insect Life Cycles	Learning from the ant in Proverbs
96	Chapter 12 Review	v	Application 12g: Review	
97	Chapter 12 Test		1	
Chapter 13	: The Cold-Blooded	Vertebrates:	Fish, Amphibians, and F	Reptiles
98	13A Introduction to Vertebrates	276–79	Application 13a: Endothermic vs. Ectothermic	Studying animals to see God's greatness and to be better stewards of God's creation
99	13B Body Systems in			The theme of blood in the Bible
100	Vertebrates	279–87	Application 13b: Vertebrate Digestive System	The vertebrate heart as evidence of design and irreducible complexity Biomimicry and the image of God in man
101	13C Fish	287–89	Application 13c: Body Systems in Vertebrate Animals	God's design of fish
102			Class Investigation 13e: Fish Respiration Rates	
103			Class Investigation 13f: Frog Dissection	
104			Class Investigation 15e: Myrmecology: The Study of Ants†	
105	13D Amphibians	289–93	The clady of Anteq	God's care for His creation
106	13E Reptiles Chapter 13 Review	293–96 v	Application 13d: Fish, Amphibians, and Reptiles	
107	Chapter 13 Test		reptiles	
Chapter 14	: The Warm-Bloode	d Vertebrates	: Birds and Mammals	
108	14A Birds	302–6	Research Investigation 14f: Man vs. Beast†	Birds and mammals as a showcase of God's power and glory God's special design of birds for flight
109	14B Mammals	306–13	Application 14a: Birds	God's care for His creation (Luke 12) Man as a special creation with a spiritual nature and made in God's

Day(s)	Topic	Pages	Support Materials*	Bible Integration
110			Class Investigation 14d: Conserving Body Heat: Wool vs. Down	image Man, primates, and evolution
			Application 14b: Mammals	Loving God and others with biomimicry
111			Class Investigation 14e: Observing Feathers and Hair	
112	Chapter 14 Review	V	Application 14c: Review	
113	Chapter 14 Test		1	
Chapter 15	: Animal Behavior a	nd Reproduc	tion	
114	15A Animal Behavior	318–25	Field Investigation 15f: An Animal's Response to Its Environment†	God's wisdom in designing animals' behavior patterns Evolutionary and biblical views of migration and instincts
			Application 15a: Innate and Learned Behaviors	Using life science to help others and serve God God as the Provider of our needs**
115	15B Animal Reproduction	326–32	Research Investigation 15h: Animal Reproduction Worksheet† Application 15b:	Death and reproduction after the Fall Diversity God designed in animal reproduction Biblical command to honor parents**
116	_		Animal Behavior Review Application 15c: Animal	Animals in Psalm 104** Serving God as a marine biologist
117			Reproduction Personal Investigation 15g: Sexual Reproduction: Means of Amazing Variation	
118	Chapter 15 Review	V	Application 15d: Animal Reproduction Review	
119	Chapter 15 Test		TOTION	<u>I</u>

Day(s)	Topic	Pages	Support Materials*	Bible Integration
		Unit 5: Inte	ractions in the Enviro	onment
Chapter 16:	Relationships in E	cosystems		
120	16A Ecology and Ecosystems		Class Investigation 17f: Overcrowding†	Biblical view of the relationship between animals and humans**
		340–43	Field Investigation 16g: Backyard Ecosystems†	Stewardship of resources The effect of the Fall on stewardship
121	16B The Abiotic Environment	343–48	Application 16b: The Water Cycle	God as the Overseer of all aspects of ecosystems
122	16C The Biotic Community		Class Investigation 16f: The Biotic Community of the Soil†	Organization in God's creation Limiting factors to spiritual growth
		348–53	Application 16a: Ecosystems	
			Application 16c: Succession on a Volcano	
123				
124	16D Rhythms in the Ecosystem	353–58	Application 16d: Rhythms in the Ecosystem	Rhythms in creation designed by God Evolutionary view of rhythms and mutations and creationist response
				Learning about rhythms in nature to be better stewards of God's creation
125	Chapter 16 Review	V	Application 16e: Review	2010. 0.0.10.100
126	Chapter 16 Test			
Chapter 17:	Relationships Amo	ong Organism	ıs	
127	17A Energy Exchange Between Organisms	364–69	Personal Investigation 17e: Your Food Chain†	God's design of the relationships among organisms Ecology and stewarding God's creation
128	17B Relationships Between Organisms of the Same Species	369–76	Field Investigation 17h: Observing Relationships† Application 17a: Energy Exchange Between Organisms	Learning diligence from the ant (Prov. 6) Camouflage, warning coloration, and mimicry in God's design for animals

Day(s)	Topic	Pages	Support Materials*	Bible Integration
129	17C Relationships Between Organisms of Different Species	376–80	Application 17b: Bible Creatures and Their Food Chain Positions Application 17c: Food Webs	Creation, Fall, death, and carnivorousness Jesus Christ as the only answer to a person's sin problem
130			Class Investigation 17g: Lichens	
131	Chapter 17 Review	i	Application 17d: Organism Relationships	
132	Chapter 17 Test			
Chapter 18:	Man's Relationship	with the Envi	ironment	
133	18A Living Things as Natural Resources	386–93		Ecology and caring for and using God's creation God's provision of natural resources Poverty, stewardship, and natural resources Taming animals and taming the tongue (James 3)** Extinct and endangered species and the Flood Farming and logging in the Bible **
134	18B Man's Role in the Ecosystem	393–99	Application 18a: Natural Resources	Population growth and a biblical worldview Biblical and secular views of global warming** Loving my neighbor by meeting their physical needs Conservation and wise stewardship
135	18C Pollution	399–405	Personal Investigation 18c: Estimates†	Pollution and Christian stewardship Serving God as an environmental engineer Serving God with ecology

Day(s)	Topic	Pages	Support Materials*	Bible Integration
136			Application 18b: Man's Role in the Ecosystem	
			Class Investigation 18d: Recycling Paper	
137	Chapter 18 Review			
138	Chapter 18 Test			

Unit 6: The Complex Design of the Human Body

Chapter	19: Support and Move	ment		
139	19A Introduction to the Human	412–15		Biblical view of what it means to be human—created in God's image,
140	Body		Class Investigation	having a spiritual nature, accountable to God, sinners in need of salvation
	19B The Integumentary System		Class Investigation 19e: Structure of the Skin	The deity and humanity of Christ**
	Gyotom	416–21		Christ as Savior and Mediator**
141	19C The Skeletal System		Application 19a: Human Skin	God's design of skin
142				Biblical view of people as all one race
		422–27	Class Investigation 19f: Observing a Beef Bone	Biblical condemnation of partiality (James 2)
				God's promises and the comparison of Israel to dead bones (Ezek. 37)
143	19D The Muscular System		Application 19b: The Skeletal System	
			Class Investigation 19h: The Structure of Bones and	
		428–32	Muscles	
			Application 19c: The Muscular System	
144			Class Investigation 19g: Heat from Muscles	
145	Chapter 19 Review	,	Application 19d: Review	
146	Chapter 19 Test			. L
Chapter	20: Internal Balance			

Day(s)	Topic	Pages	Support Materials*	Bible Integration
147	20A A Balancing Act			Biblical imperative to do good to all men
148	20B The Blood	438–40 440–46	Application 20b: The Circulatory System†	Jesus' crucifixion and the blood and water that came from His side Jesus' death and resurrection to provide salvation Christ's sweating drops of blood** Serving God as a phlebotomist
149			Class Investigation 20e: Blood	Colving God do a prinopotormot
150	20C The Blood Vessels and		200. 21000	God's design of the heart
151	Heart	447–54	Class Investigation 20f: Observing a Cow Heart	High blood pressure, stress, and God's sovereignty
			Application 20a: The Heart	
152			Class Investigation 20g: Using a Stethoscope	
			or	
			Class Investigation 20h: Increasing Heart Rate	
153	20D The Immune			The Fall and the Curse, disease, death,
	System and			and God's provision of an immune
154	Defense Against Disease	455–61	Application 20c: The Body's Defense System	A biblical response to those suffering from HIV/AIDS
155	20E The Excretory System	461–63	Application 20d: The Excretory System	-
156	Chapter 20 Review	1		
157	Chapter 20 Test			
Chapter 21:	: Energy			
158	21A The Respiratory	468–74		Using information to glorify God and

Day(s)	Topic	Pages	Support Materials*	Bible Integration
159	System		Class Investigation 21d: Respiration Application 21a: The Respiratory System	help others Irreducible complexity and the respiratory system
160			Troopare: y cycle	
161	21B The Digestive System	474–84	Application 21b: The Digestive System	The Bible's discussion of physical problems with spiritual causes
162			Class Investigation 21e: Digestive Enzymes	
163	Chapter 21 Review	I	Application 21c: Review	
164	Chapter 21 Test			
Chapter 22:	: Control			
165	22A The Nervous System			Human body as "fearfully and wonderfully made" (Ps. 139:14)
166		490–97	Application 22a: The Nervous System Application 22b: Bob Uses His Brain	God's design of reflexes The Christian's thought life Biblical vs. evolutionary view of life** Nervous system pointing to a Master Designer
167	22B The Sense Organs	497–504	Class Investigation 22g: The Pupil Reflex Class Investigation 22h: Afterimages Application 22c: The Eye and Ear Class Investigation 22f: The Skin's Sensation of Temperature	The sense organs as a testimony to God's design The "senses" of Christians** The anatomical arrangement of the eye and evolution vs. creation**
169	22C The Endocrine	505–10		Evolution and vestigial organs

Day(s)	Topic	Pages	Support	Bible Integration
2 ()			Materials*	
170	System			The Christian's response to stress**
			Application 22d: The Endocrine System	The nervous and endocrine systems as pointing to an omniscient, omnipotent Creator
171	Chapter 22 Revie	w	Application 22e: Review	
172	Chapter 22 Test			
Chapter 23	: Health			
173	23A A Biblical Approach to Health	516–19	Personal Investigation 23g: Counting Calories† Application 23b: Metabolic Rate	Stewardship of the bodies God has given us Future resurrection of the body Growing in Christlikeness
			Wetabolic Rate	Maturity
174	23B Nutrition		Application 23a: Metabolism	Spiritual energy from God's Word
175		519–27	Application 23c: Nutrition and Food Labels	Serving God as a nutritionist
176			Class Investigation 23h: Burning Calories with Exercise Field Investigation	
			23f: Collecting Bacteria†	
177	23C Drugs			Smoking and glorifying God with our bodies (1 Cor. 6) Biblical response to drug abuse
		527–32	Application 23d: Drugs	Sin as the source of man's problems and Christ as the only solution
178	23D Disease			Happiness found only in Christ** The Fall as the source of death and
170	23D Disease		Application 20	disease Reasons God may allow disease in a
		533–36	Application 23e: Disease	person's life
				God's design to help us fight disease
				God's sovereignty in all things**

Day(s)	Topic	Pages	Support Materials*	Bible Integration
179	23E Going Forward from Life Science Chapter 23 Review	537		Irreducible complexity Science as a way to learn more about the Creator Life science and the wisdom, power, and glory of our Creator Praising and serving God with life science as a reasonable response to what He has done for us
180	Chapter 23 Test		1	