

Science 5, 3rd ed. Lesson Plan Overview

	Lesson	ST Pages	AM Pages	Assessment	Content	Bible Integration
Chapter 1: Minerals and Rocks	*1	1–3	1		Unit and Chapter Opener	Man's imitation of God's creation Interrelationship of the parts of creation God's perfect design God as the only Creator
	*2	4–7	2–4		Layers of the Earth Surface of the Earth	The Flood's effect on the earth God's perfect design God's use of creation for His purpose Man's use of God's resources
	*3	8–13	5	Quiz 1-A	Minerals in the Earth	God's orderly design God's design for the earth's resources God's variety in creation
	4		6		Measuring Mass and Volume	
	*5	14–15	7–8	Rubric	Activity: Salty Crystals	
	*6					God's creation for man's enjoyment God's love of beauty God's variety in creation
	*7	16–20	9–10		Uses of Minerals	God's provision for man
	8	21	11–12	Rubric	Exploration: Munching Minerals	
	9		13–16		PQ3R	God's command to remember God's strength and reliability
	*10	22–25	17–18	Quiz 1-B	Rocks	
	11	26–27	19–20	Rubric	Activity: Rock Hounding	
	*12	28			Chapter Review	

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	Lesson	ST Pages	AM Pages	Assessment	Content	Bible Integration
Chapter 2: Fossils and Dinosaurs	13			Chapter 1 Test		
		29	21		Chapter Opener	
	*14	30–32	22		Fossil Formation	Death and decay as a result of sin The Flood's effect on the earth
	*15	33–35	23–24		Two Ways of Looking at Fossils Activity: Fact or Theory?	Faith in the Word of God Bible as the final authority Man's finite knowledge Discerning what is true
	*16	36–37	25–26	Rubric	Activity: Molds and Casts	
	*17					Bible as the final authority God as the only Creator God as the Master of creation
	*18	38–41	27–28	Quiz 2-A	Learning from Fossils	
	19	42–43		Rubric	Exploration: Fossil Dig	God's perfect creation Bible as the final authority Discerning what is true Man's God-given curiosity God's variety in creation
	*20	44–47	29–30		Dinosaurs	Faith in the Word of God God as the Master of creation
	*21	48–51	31–32	Quiz 2-B	What the Bible Teaches Us Extinction of Dinosaurs	
*22	52			Chapter Review		

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	Lesson	ST Pages	AM Pages	Assessment	Content	Bible Integration
Chapter 3: Matter	23			Chapter 2 Test		
		53–55	33		Chapter Opener	God's command to remember God's perfect design
	*24	56–59	34–35		Measuring Matter	God's provision for man
	25		36		Measuring Length, Volume, and Temperature	
	*26	60–65	37–38	Quiz 3-A	Physical Properties	God's omnipotence God as the only Creator
	*27					Discerning what is true
	*28		39–41		Activity: A Science Experiment	Evidences of salvation
	*29	66–67	42		Classifying Matter	
	*30	68–69	43–44	Rubric	Activity: Separating a Mixture	
	*31	70–73			Mixtures	God's care for His creation God's provision for man
	*32	74–77	45–47	Quiz 3-B	Solutions Concentration and Saturation	
	33	78–79	48–49	Rubric	Activity: A Disappearing Act	God overruling His natural laws
	34	80–81	50	Rubric	Exploration: Float a Boat	
*35				Chapter Review		

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	Lesson	ST Pages	AM Pages	Assessment	Content	Bible Integration
Chapter 4: Energy and Heat	36			Chapter 3 Test		
		83	51		Chapter Opener	Man's imitation of God's creation God's plan for salvation God's orderly design
	*37	84–87	52–53		Energy	God as the only Creator God's design for man's body Knowing God as greatest wisdom
	38	88–89	54	Rubric	Activity: Rock Heaters	
	*39	90–92	55–56	Quiz 4-A	Matter and Thermal Energy	
	40	93	57-58	Rubric	Exploration: Energy for Your Body	
	*41	94–97	59–60		Heat	Man's imitation of God's creation
	*42					
	*43	98–99	61–62	Rubric	Activity: Keeping Warm	God's overruling His natural laws The Flood's effect on the earth Man's use of God's resources God's design for man's body
	*44	100–102		Quiz 4-B	Heat at Work	God's perfect creation
	*45	103–6	63–64		Heat in Space	
	46	107	65–66	Rubric	Exploration: Moon Station	
*47	108			Chapter Review		

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	Lesson	ST Pages	AM Pages	Assessment	Content	Bible Integration
Chapter 5: Weather	48			Chapter 4 Test		
		109–11	67		Chapter Opener	God as the Master of creation God's perfect creation
	*49	112–15	68–69		Atmosphere	God's provision for His creation God's design for man's body Man as steward of God's creation Man's use of God's resources
	*50	116–21	70–72	Quiz 5-A	Moving Air	God's perfect design
	*51					
	52	122–23	73–74	Rubric	Activity: Temperature Changes	God's provision for His creation God as the Master of creation God overruling His natural laws Christian behavior as showing God's love to others
	*53	124–29	75		Moisture in the Air	God as the Master of creation
	*54	130–32	76		Severe Weather	
	55	133		Rubric	Exploration: Dangerous Extremes	God's perfect design God as the Master of creation
	*56	134–35	77–78	Quiz 5-B	Forecasting the Weather	
	*57	136–37	79–80	Rubric	Activity: Weather Observatory	
*58	138			Chapter Review		

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	Lesson	ST Pages	AM Pages	Assessment	Content	Bible Integration	
Chapter 6: Biomes	59			Chapter 5 Test			
		139	81		Chapter Opener	Man's imitation of God's creation	
	*60	140–43	82–83		Land Biomes Tundra	God's provision for His creation	
	*61	144–47	82, 84	Quiz 6-A	Coniferous Forest Deciduous Forest	God's perfect design God's provision for His creation	
	*62	148–51	85–86		Grasslands Deserts	God's provision for His creation	
	*63	152–53	87–88	Rubric	Activity: Help Prevent Water Loss!	God's perfect design	
	*64	154–56	85, 89–91	Quiz 6-B	Tropical Rainforests Mountains	God's perfect design	
	65	157	92	Rubric	Exploration: Build a Biome		
	*66	158–63	93–94	Quiz 6-C		Aquatic Biomes	God's perfect design God's provision for His creation Man as steward of God's creation
	*67						
	68	164–65	95–96	Rubric	Activity: From Dirty to Clean	God's provision for His creation	
*69	166			Chapter Review			

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	Lesson	ST Pages	AM Pages	Assessment	Content	Bible Integration
Chapter 7: Interactions in an Ecosystem	70			Chapter 6 Test		
		167–69	97		Chapter Opener	Man's imitation of God's creation Christians as faithful witnesses
	*71	170–73	98–100		Parts of an Ecosystem Roles in an Ecosystem	God's provision for His creation God's perfect design Christ as a Christian's strength
	72	174–75	101–2	Rubric	Activity: Habitat Investigation	
	*73	176–79	103–6	Quiz 7-A	Energy in an Ecosystem	God's perfect design
	*74	180			Activity: Food-Web Connections	
	75	181		Rubric	Exploration: A Tangled Web	
	*76	182–85	107–10		Meeting Needs	God's provision for His creation God's perfect design
	*77	186–89	111–12	Quiz 7-B	Relationships	God's perfect design God as the Master of creation
*78	190			Chapter Review		

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	Lesson	ST Pages	AM Pages	Assessment	Content	Bible Integration
Chapter 8: Changes in an Ecosystem	79			Chapter 7 Test		
		191	113		Chapter Opener	Man's imitation of creation
	*80	192–95	114–16		Cycles of Change Carbon Cycle	God as the Master of creation God's orderly design
	*81	196–99	117–18	Quiz 8-A	Nitrogen Cycle Water Cycle	Interrelationship of the parts of creation God's perfect design
	*82	200–201	119–20	Rubric	Activity: Decomposers at Work	
	*83					God's provision for His creation Consequences of sin God's use of forces for the earth's benefit
	*84	202–5	121		Stresses on an Ecosystem	
	85	206	122	Rubric	Exploration: Stress Alert	
	86	207		Rubric	Activity: Current Events	Man's use of God's resources Man's God-given dominion God as the Master of creation
	*87	208–11	123–24	Quiz 8-B	Ecosystems and Man	
*88	212			Chapter Review		

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	Lesson	ST Pages	AM Pages	Assessment	Content	Bible Integration
Chapter 9: Sound	89			Chapter 8 Test		
		213–15	125–26		Chapter Opener	God's perfect design
	*90	216–19	127–30		Properties of Sound Waves	
	*91	220–21	131–32	Rubric	Activity: Sound Slide	
	*92	222–25	133	Quiz 9-A	Characteristics of Sound	God's design for man's body
	*93	226–30	134	Quiz 9-B	Uses of Sound	Man's imitation of creation God's design for man's body Man's responsibility to glorify God God's perfect design God's creation for man's enjoyment
	*94					
	95	231		Rubric	Exploration: A "Medium" Exploration	
	96	232–33	135–36	Rubric	Activity: Shhh, Quiet Please	
	*97	234			Chapter Review	

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	Lesson	ST Pages	AM Pages	Assessment	Content	Bible Integration
Chapter 10: Light	98			Chapter 9 Test		
		235	137		Chapter Opener	God's provision for man
	*99	236–39	138–39		Light Energy	God as the only Creator
	*100	240–43	140–41	Quiz 10-A	Visible Spectrum	Christians as a reflection of God God's variety in creation
	*101	244–45	142	Rubric	Activity: Fog Vision	
	*102	246–49	143–45		Mirrors Light and Technology	Giving God the best Man's use of God's resources
	103	250–51	146–47	Rubric	Activity: Angles of Reflection	
	*104	252–56	148	Quiz 10-B	Electromagnetic Spectrum	God's perfect design God's creation of invisible forces God as the only Creator
	*105					
	106	257		Rubric	Exploration: Light at Work	
*107	258			Chapter Review		

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	Lesson	ST Pages	AM Pages	Assessment	Content	Bible Integration
Chapter 11: Respiratory System	108			Chapter 10 Test		
		259–61	149		Chapter Opener	Man's imitation of creation
	*109	262–64	150–51		Breathing	Man as God's special creation Man created in God's image God's design for man's body
	*110	265	152	Rubric	Activity: Breathe In, Breathe Out	
	*111	266–69	153–54	Quiz 11-A	Upper Respiratory	
	*112	270–73	155–56		Lower Respiratory	
	*113	274–75	157–58	Rubric	Activity: How Much Air Is in Your Lungs?	
	*114	276–79	159–62	Quiz 11-B	Respiratory Problems	God's perfect design Man's responsibility to glorify God
	115				Exploration: Dangers of Smoking	Man's responsibility for his actions Man's responsibility to glorify God Man's body as God's temple
	*116	280			Chapter Review	

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	Lesson	ST Pages	AM Pages	Assessment	Content	Bible Integration
Chapter 12: Circulatory System	117			Chapter 11 Test		
		281	163		Chapter Opener	Trusting in God Consequences of sin
	*118	282–85	164–66		Circulating Your Blood	
	119	286–87	167–68	Rubric	Activity: How Fast Is the Beat?	
	*120	288–91	169	Quiz 12-A	Your Blood Vessels	God's design for man's body Man's finite knowledge God's immutability
	*121	292–96	170–73		Your Blood	God's plan for salvation God's salvation through Christ
	122	297		Rubric	Exploration: Inside of Me	
	*123	298–99	175–76	Rubric	Activity: Pump and Pour	
	*124	300–303	177–78	Quiz 12-B	Cleaning Your Blood Protecting Your Heart	God's design for man's body God's omnipotence God's knowledge of each individual God as the perfect Creator Man's responsibility for his actions Man's imitation of creation God's holding all creation together
	*125	304			Chapter Review	
	126			Chapter 12 Test		

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