

## Science 3, 3<sup>rd</sup> ed. Lesson Plan Overview

	<b>Lesson</b>	<b>ST Pages</b>	<b>AM Pages</b>	<b>Assessment</b>	<b>Content</b>	<b>Bible Integration</b>
<b>Chapter 1: Cold-Blooded Animals</b>	1	1–3	1		<b>Unit and Chapter Opener</b>	God's use of creation for His glory
	2	4–7	2		<b>Vertebrates and Invertebrates</b>	God's variety in creation
	3	8–11	3, 5, 7–8		<b>Fish</b>	God's variety in creation God's use of creation for His purposes God's power over creation God's perfect design God's provision for His creation God's provision for man
	4	12–13	9–11, 13		<b>Amphibians</b>	God's orderly design
	5	14–17	15, 17–19		<b>Reptiles</b>	God's omnipotence God's variety in creation God's provision for His creation God's loving care
	6	18–19	21		<b>Measure Up: Temperature</b>	
	7		23–24		<b>Activity: A Science Experiment</b>	
	8	20–21	25–26	Rubric	<b>Activity: Leaping Lizards</b>	
	9	22	27–28		<b>Chapter Review</b>	

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<b>Chapter 2: Warm-Blooded Animals</b>	10			Chapter 1 Test		
		23	29		<b>Chapter Opener</b>	God's loving care
	11	24–26	30		<b>Birds</b>	God's perfect design God's variety in creation God as source of strength
	12	27		Rubric	<b>Exploration: Bird Watching</b>	
	13	28–29	31–32		<b>Characteristics of Birds</b>	God's perfect design God's provision for His creation
	14	30–35	33–38		<b>Mammals</b>	God's variety in creation God's perfect design Man as God's special creation Man created in God's image God's plan for salvation Faith in the Word of God
	15					God's provision for His creation God as Master of creation
	16	36–37	39		<b>Behaviors</b>	
	17	38–39		Rubric	<b>Activity: Animal Books</b>	
18	40	41–42		<b>Chapter Review</b>		

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<b>Chapter 3: Plants</b>	19			Chapter 2 Test		
		41–43	43		<b>Unit and Chapter Opener</b>	God's use of creation for His purposes God's use of creation for His glory
	20	44–45	44		<b>Parts of a Plant</b>	
	21	46–49	45–48		<b>Photosynthesis</b>	God's provision for His creation God's perfect design Christians rooted and grounded in Christ
	22	50–51	49–50		<b>Measure Up: Length</b>	God's knowledge of each individual God's provision for man
	23	52–53	51–52	Rubric	<b>Activity: A Time to Grow</b>	
	24	54–57	53–54		<b>Uses of Plants</b>	God's provision for man God's creation for man's enjoyment God's perfect design Man's God-given curiosity Man's responsibility to glorify God
25	58	55–56		<b>Chapter Review</b>		

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<b>Chapter 4: Ecosystems</b>	26			Chapter 3 Test		
		59	57		<b>Chapter Opener</b>	God as Master of creation God's use of creation for His glory
	27	60–63	58–59		<b>Ecosystems</b>	God's use of creation for His purposes God's variety in creation God's perfect design God's omniscience
	28	64–67	61, 63–64		<b>Producers, Consumers, and Decomposers</b>	
	29	68–71	65–66		<b>Food Chains and Food Webs</b>	
	30	72–75	67–68		<b>Changes in an Ecosystem</b>	God's provision for His creation God's perfect design God's use of creation for His purposes Consequences of sin God's plan of redemption God's perfect Creation God as Master of creation
	31	76–77		Rubric	<b>Activity: Ecosystem Tag</b>	
	32	78	69–70		<b>Chapter Review</b>	

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<b>Chapter 5: Matter</b>	33			Chapter 4 Test		
		79–81	71		<b>Unit and Chapter Opener</b>	Man's use of God's resources Giving God the best
	34	82–83	72		<b>Properties of Matter</b>	God's immutability
	35	84–87	73–74		<b>Measure Up: Mass and Volume</b>	Christians as faithful workers
	36	88–91	75, 77–78		<b>States of Matter</b>	
	37	92–93		Rubric	<b>Activity: Frozen Treats</b>	
	38	94–99	79		<b>Changes in States</b>	God's perfect design
	39					God's provision for man God's immutability
	40	100–103	81–82		<b>Changes in Matter</b>	
41	104	83–84		<b>Chapter Review</b>		

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<b>Chapter 6: Sound</b>	42			Chapter 5 Test		
		105	85		<b>Chapter Opener</b>	Man's responsibility to glorify God Christians as faithful witnesses
	43	106–9	86–87		<b>Sound</b>	God's creation for man's enjoyment Man's responsibility to glorify God Man's responsibility to obey God
	44	110–13	89, 91–92		<b>Sound Waves</b>	
	45	114–16	93–94		<b>The Ear and Hearing</b>	God's perfect design
	46	117		Rubric	<b>Exploration: All Ears</b>	
	47	118–21	95–96		<b>Characteristics of Sound</b>	Man's responsibility to please God Man's responsibility to honor God
	48	122–23	97–98	Rubric	<b>Activity: Musical Bottles</b>	
	49	124	99–100		<b>Chapter Review</b>	

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<b>Chapter 7: Energy in Motion</b>	50			Chapter 6 Test		
		125	101		<b>Chapter Opener</b>	Man's responsibility for his actions God's omnipotence
	51	126–29	102		<b>Force</b>	
	52	130–31	103–4	Rubric	<b>Activity: Friction Fun</b>	
	53	132–33	105–6		<b>Motion</b>	Faith in the Word of God Bible as final authority Christ as reference point
	54	134–37	107–10		<b>Work</b>	Christians as dependable workers Man as steward of God's creation Christians as faithful workers
	55	138–41	111, 113–14		<b>Energy</b>	Faith in the Word of God for guidance Interrelationship of the parts of creation God as Master of creation God's provision for man
56	142	115–16		<b>Chapter Review</b>		

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<b>Chapter 8: Soil, Rocks, and Minerals</b>	57			Chapter 7 Test		
		143–45	117		<b>Unit and Chapter Opener</b>	God's plan for worship
	58	146–48			<b>Soil</b>	God's provision for man God's perfect design Faith in the Word of God
	59	149	118	Rubric	<b>Activity: Dirt Cup</b>	
	60	150–51	119–20		<b>Weathering</b>	God's orderly design
	61	152–55	121–22		<b>Rocks</b>	The Flood's effect on the earth
	62	156–59	123–26		<b>Minerals</b>	Christians as faithful workers Christian behavior as showing God's love to others Man's responsibility to honor God
	63	160–61	127–28	Rubric	<b>Activity: Hard or Soft</b>	
64	162	129–30		<b>Chapter Review</b>		



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<b>Chapter 9: Weather</b>	65			Chapter 8 Test		
		163	131		<b>Chapter Opener</b>	God as Master of creation
	66	164–67	132		<b>Measuring the Weather</b>	God's perfect design God's provision for His creation
	67	168–71	133–36		<b>The Water Cycle and Clouds</b>	God's orderly design God as Master of creation
	68	172–75	137–38		<b>Wind and Weather Forecasts</b>	Man's responsibility for his actions God as Master of creation
	69	176–77	139	Rubric	<b>Activity: Weather Watcher</b>	God as Master of creation God's omniscience
	70	178–79	141–42		<b>Severe Weather</b>	Faith in the Word of God
	71	180	143–44		<b>Chapter Review</b>	

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<b>Chapter 10: The Solar System</b>	72			Chapter 9 Test		
		181	145		<b>Chapter Opener</b>	
	73	182–85	146–47		<b>The Sun and the Solar System</b>	God as the only Creator God's orderly design God's loving care God's knowledge of each individual
	74	186–89	149, 151–52		<b>Inner Planets</b>	God as Master of creation
	75	190–95	153–54		<b>Outer Planets</b>	
	76	196–97	155–57	Rubric	<b>Activity: Solar Mobile</b>	
	77	198–99	159–60		<b>Stars</b>	God's holding all creation together God's vast creation God's knowledge of each individual
78	200	161–62		<b>Chapter Review</b>		

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<b>Chapter 11: Cells, Tissues, and Organs</b>	79			Chapter 10 Test		
		201–3	163		<b>Unit and Chapter Opener</b>	God's knowledge of each individual
	80	204–7			<b>Cells</b>	
	81	208–9	164–66		<b>Parts of Cells</b>	God's perfect design
	82	210–11		Rubric	<b>Activity: Edible Cell</b>	
	83	212–15	167–70		<b>Tissues, Organs, and Systems</b>	God's perfect design Christians as faithful workers
	84	216	171–72		<b>Chapter Review</b>	

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<b>Chapter 12: Skin</b>	85			Chapter 11 Test		
		217	173		<b>Chapter Opener</b>	God's omnipotence God's provision for man
	86	218–21	174		<b>Layers of Skin</b>	God's variety in creation God's provision for man God's perfect design
	87	222–23	175–78		<b>Fingerprints</b>	God's knowledge of each individual
	88	224–25	179	Rubric	<b>Activity: Patterns on My Skin</b>	
	89	226–30	181–82		<b>The Dermis</b>	God's provision for man God's plan for man's body God's perfect design
	90					
	91	231		Rubric	<b>Exploration: Under My Skin</b>	God's perfect design God's knowledge of each individual
	92	232–33	183–84		<b>Skin Care</b>	
	93	234	185–86		<b>Chapter Review</b>	
94				Chapter 12 Test		