

CCS COURSE MAP

SUBJECT: SCIENCE 6

GRADE LEVEL 6

COURSE LENGTH Year

REVIEWED 2018-2019

Student Goals:					
		I	To acknowledge the students' bodies as fearfully/wonderfully made by God.		
		II	To demonstrate an understanding of the students' environment and its natural laws.		
		III	To study and apply basic science skills given to the students by God and used in scientific investigation.		
		V	To actively apply the students' knowledge to real life situations in their environment.		
Student Outcomes					
		I	The students will be able to seek man's collected knowledge of God's universe.		
		II	The students will be able to communicate the origin of man as told by the Word of God and theorized by man.		
		III	The students will be able to study the Immune, Nervous, and Reproductive systems of God's masterpiece.		
		IV	The students will be able to investigate energy in their environment, matter, God's building blocks, weather and the atmosphere, as well as flight.		
UNIT/ WEEKS	STANDARD	OBJECTIVES	ACTIVITIES/ASSESSMENT	RESOURCES	BIBLICAL INTEGRATION
Unit 1: Life Science: Diversity 9 weeks	5.4.1.1.1 5.4.2.1.1 5.4.2.1.2 5.4.4.1.1	Students will: ·learn how things are classified ·practice classifying things ·use a dichotomous key ·list characteristics of invertebrates and vertebrates ·learn several groups of the plant kingdom ·describe different biomes	·Discussions ·Writing paragraphs ·Completing worksheets ·Investigations ·Demonstrations ·Review quizzes ·Test after each chapter	· <i>Science Level Six 2nd Ed., 2014</i> – Purposeful Design ·Science Notebook ·Textbook Worksheets ·Quizzes ·Tests	·Microscopic organisms show God's diversity and complexity ·All organisms, whether small or large, are used to carry out God's plan ·Man is to be respectful of God's creation and to have dominion over God's creation ·Organisms need the mitochondria to provide them with energy, we must remember that God

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		<ul style="list-style-type: none"> ·explore the cell structure and processes ·be introduced to the basics of genetics 			<p>is the true source of power. When we rely on his power we can accomplish any task that God asks of us.</p>
<p>Unit 2: Physical Science: Structure 9 weeks</p>	<p>6.1.2.1.4 6.1.2.2.1 6.2.1.1.1 6.2.1.2.1 6.2.1.2.2 6.2.1.2.3 6.2.2.1.1 6.2.2.1.2 6.2.2.2.1 6.2.2.2.2 6.2.2.2.3 6.2.2.2.4 6.2.3.2.3</p>	<p>Students will:</p> <ul style="list-style-type: none"> ·describe the atomic model ·learn the chemical families and their structures and properties ·differentiate between the states of matter ·explain the uniqueness of water ·know how Bernoulli's Principle affects fluids and is used in flight ·apply knowledge of lift to everyday things 	<ul style="list-style-type: none"> ·Discussions ·Writing paragraphs ·Completing worksheets ·Investigations ·Demonstrations ·Review quizzes ·Test after each chapter 	<ul style="list-style-type: none"> ·<i>Science Level Six 2nd Ed., 2014</i> – Purposeful Design ·Science Notebook ·Textbook Worksheets ·Quizzes ·Tests 	<p>·Studying the periodic table shows us that the presence of these patterns and designs points to an Intelligent Designer.</p> <ul style="list-style-type: none"> ·Laws of science should not be used to eliminate the possibility of miracles. · Just like there are different states of matter in which all mass exists; God has called us to live in a state of holiness and righteousness ·Though science can answer many questions about the Earth, we must remember that science has limits. It can not explain the spiritual world. ·Scientific thought is

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					constantly changing, but we can have comfort that God does not change.
Unit 3: Earth and Space Science: patterns 9 weeks	6.2.3.1.1 6.2.3.1.2	Students will: ·learn the water movement in the ocean ·describe the different zones of the ocean ·draw and explain the rock cycle ·learn how fossils form ·understand the different view points of creation and evolution ·know the basics of the natural disasters: earthquakes, thunderstorms, tornadoes, hurricanes, wildfires ·be introduced to stars	·Discussions ·Writing paragraphs ·Completing worksheets ·Investigations ·Demonstrations ·Review quizzes ·Test after each chapter	· <i>Science Level Six 2nd Ed., 2014</i> – Purposeful Design ·Science Notebook ·Textbook Worksheets ·Quizzes ·Tests	·The Earth and everything in and on it was created with a purpose. God equipped all organisms with the tools they need for their specific environment. ·People are to use their God-given knowledge to study the parts of Creation that still need to be studied. ·Naturalism is a philosophy that everything can be explained in terms of matter and physical phenomena without the involvement of God. This is an incorrect idea if one

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					<p>is a Christian</p> <ul style="list-style-type: none"> ·Just like in the eye of a hurricane is calmness, so in the storms of our life, God provides the calmness we need. ·God determines the number of the stars and calls them by name. He cares for his creation
<p>Unit 4: Human Body: Decisions 7 weeks</p>	<p>National Standard Health 6.1.1 6.8.1 7.1.1 7.1.2</p>	<p>Students will:</p> <ul style="list-style-type: none"> ·gain an overview of the muscular, skeletal, and nervous system ·learn how food is absorbed ·list and explain the senses ·identify nutrients ·learn why our diet and exercise are important ·know how to cook healthy ·learn God’s plan for procreation ·discuss the pubescent changes in males and females ·learn the male and female systems of 	<ul style="list-style-type: none"> ·Discussions ·Writing paragraphs ·Completing worksheets ·Investigations ·Demonstrations ·Review quizzes ·Test after each chapter 	<ul style="list-style-type: none"> ·<i>Science Level Six 2nd Ed., 2014 – Purposeful Design</i> ·Science Notebook ·Textbook Worksheets ·Quizzes ·Tests 	<ul style="list-style-type: none"> ·God does not create chaos, therefore, organization can be seen in the systems of the body. ·Humans can be compared to other organisms but also have dominion over the Earth as determined by God ·As we study the brain we can see how it is unique and demonstrates God’s design for humankind. ·Not only do we need to take care of our physical bodies, we need to also take care of our spiritual bodies. Matthew 15:17-

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		reproduction ·gain an understanding of human development			20 warns us that the condition of our heart determines the words out of our mouth and the thoughts we think.
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