

SCIENCE COURSE DESCRIPTIONS

SCIENCE: ORDER AND DESIGN		INSTRUCTOR	Traci Cleveland
GRADE LEVEL	6 th – 8 th	CREDIT VALUE	None
COURSE DESCRIPTION	This course lays a foundation for future study of life sciences. Concepts covered include, but are not limited to: the scientific method, plants, the human body, healthy living, creation science, classification, mammals, birds, fish, reptiles, amphibians, arthropods and forestry.		
TEXT:	<u>Science: Order and Design</u> , Abeka, 1 st Edition		

PHYSICAL SCIENCE		INSTRUCTOR	Traci Cleveland
GRADE LEVEL	8 th -12 th Grades	CREDIT VALUE	1.0 Credit
COURSE DESCRIPTION	This class will build an understanding of concepts for physical sciences such as Chemistry, Physics, Geology, and Electronics. COURSE INCLUDES LABS.		
TEXT:	<i>Science of the Physical Creation</i> , ABeka Book, 2 nd Edition		

BIOLOGY		INSTRUCTOR	Cindy Gilbert
GRADE LEVEL	9 th – 12 th Grades	CREDIT VALUE	1.0 Credit
COURSE DESCRIPTION	This is a course in the study of living things. Students explore how living things are made, how they function, and how they interact with the nonliving environment. The information in this course will help students to better understand how they are amazingly created by God. LABS ARE INCLUDED WITH THIS COURSE.		
TEXT:	<i>Biology: God's Living Creation</i> , ABeka Book, 3 rd Edition		

ANATOMY		INSTRUCTOR	Cindy Gilbert
GRADE LEVEL	10 th -12 th Grades	CREDIT VALUE	1.0 Credit
COURSE DESCRIPTION	This course is a study of the anatomy (structure) and physiology (function) of the human body and the systems that comprise the human body. Students will better understand what it means to be “fearfully and wonderfully made” by God. Dissections in this course focus on comparative anatomy to other mammals. LABS ARE INCLUDED WITH THIS COURSE.		
PRERESQUISITES:	It is preferred for the student to have had Biology prior to this course.		
TEXT:	<i>The Human Body: Fearfully and Wonderfully Made,</i> Apologia Press, 1 st Edition		

CHEMISTRY		INSTRUCTOR	Cindy Gilbert
GRADE LEVEL	11 th – 12 th Grades	CREDIT VALUE	1.0 Credit
COURSE DESCRIPTION	This course is a study of matter, the changes it undergoes, and how it affects our everyday life. It also explores the many branches of chemistry. The goal is to discover and understand the structure and function of God’s creation. LABS ARE INCLUDED WITH THIS COURSE.		
PREREQUISITES:	Algebra 1 Required, Algebra 2 Preferred		
TEXT:	<i>Chemistry: Precision and Design,</i> 3 rd Edition, ABeka Book		

MARINE BIOLOGY		INSTRUCTOR	Cindy Gilbert
GRADE LEVEL	10 th – 12 th Grades	CREDIT VALUE	1.0 Credit
COURSE DESCRIPTION	This course is designed to allow the students to explore both the biotic (living) and abiotic (non-living) elements of the marine environment. It also includes the effects of other environments on the marine environment. LABS ARE INCLUDED WITH THIS COURSE.		
TEXT:	<i>Exploring Creation with Marine Biology,</i> 1 st Edition, Apologia Press		

PHYSICS		INSTRUCTOR	Cindy Gilbert
GRADE LEVEL	11 th – 12 th Grades	CREDIT VALUE	1.0 Credit
COURSE DESCRIPTION	<p>This course provides an understanding of the basic principles involved with physical concepts and the ability to apply these principles in the solution of problems. The course includes, but is not limited to: one and two dimensional motion, Newton’s laws, work, energy, magnetism, electricity, momentum, periodic motion, waves, and optics. LABS ARE INCLUDED WITH THIS COURSE.</p>		
PRESREQUISITES:	Algebra Required, Geometry Preferred		
TEXT:	<i>Exploring Creation with Physics</i> , Apologia Press		