

TRINITY CHRISTIAN SCHOOL

Philosophy of Science

Who cuts a torrent for the channels of rain, and a path for the thunderstorm, to water a land where no man lives, a desert with no one in it, to satisfy a desolate wasteland and make it sprout with grass? Does the rain have a father? Who fathers the drops of dew? From whose womb comes the ice? Who gives birth to the frost from the heavens when the waters become hard as stone, when the surface of the deep is frozen?

Job 38: 25-30

“Every science has for its basis a system of principles as fixed and unalterable as those by which the universe is regulated and governed. Man cannot make principles, he can only discover them.”
-Thomas Paine

Secondary science at Trinity Christian School is intended to introduce students to a variety of fields of study and research that are prominent in the scientific community. The fundamentals of physics, chemistry, and biology are to be mastered and concepts relating to geology, anatomy, and astronomy are covered as well. A primary goal of the upper school science curriculum is to develop curiosity and interest to learn more about the universe we live in, both generally and in specific fields. In addition, students are prepared for the type of work they will be required to do in university level science classes.

Science is a field in which men must adhere to rules and guidelines set forth in scientific laws as well as mathematical postulates and theorems. It is also however a field in which imagination being under the guidance of laws and limits must be allowed to flourish. History of science is discussed in classes and the importance of historical scientific figures' willingness to challenge concepts that were once accepted as modern truths is praised. Just as an artist must create new work while remaining within the limits of structure that define good art, a scientist must apply abstract thinking to the concrete rules of nature. These truths are discussed at length and more importantly implemented in the work of young scientists and mathematicians at Trinity.

The most important aspect of science at Trinity is geared toward developing a Christian world-view in regards to nature as well as common debates that are prevalent in today's scientific communities. Abstract thinking under the umbrella of natural law should be useful in training and disciplining young Christians to develop a deeper understanding of God as well as to become world changing revolutionaries under the absolute truth of scripture.