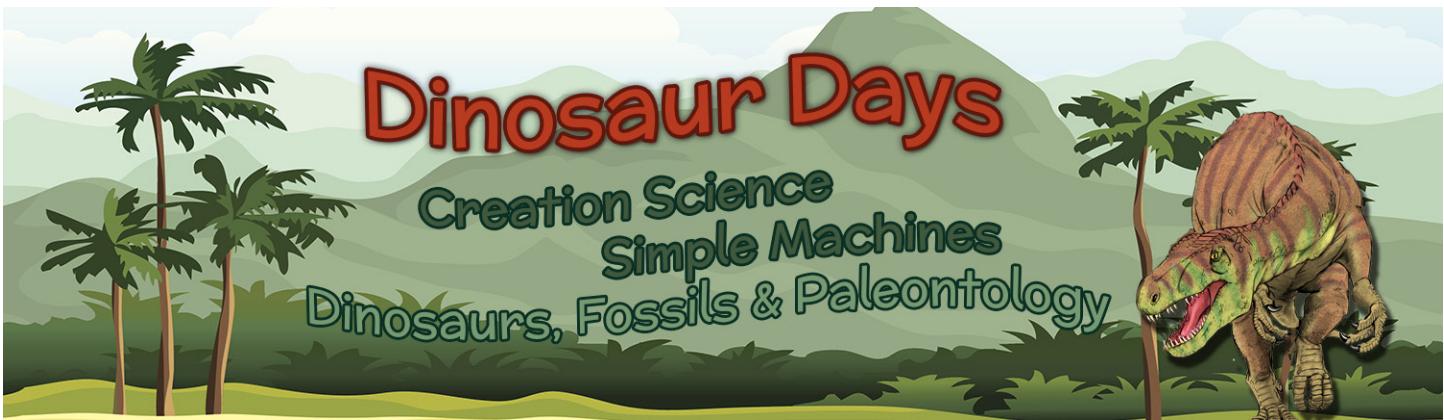


**Charlotte
Mason-
Inspired**

Science Programs

**Experiments
Journaling
Science Resources
Online Links**



Dinosaur Days

Creation Science
Simple Machines
Dinosaurs, Fossils & Paleontology

Introducing Dinosaur Days!

A Year Long Science Program

You will dive into the world of dinosaurs and simple machines in this incredible program! Learn about the days of creation, the different kinds of simple machines, and all about the ancient creatures we call dinosaurs. In the journaling pages and throughout the program you will investigate the fossils of dinosaurs, go on “digs”, and even discover what kind of dinosaur you are looking at! Younger students will love the interactive journaling pages as well as the hands-on learning. Older students will love all of that plus the in-depth study of fossils and how paleontologists work! 2-day weeks are scheduled for a full 36-week program.

The resources this program coordinates allow students to spend a year exploring the Days of Creation, simple machines, dinosaurs, fossils, and studying these remains. Easy-to-complete activities are scheduled, but in addition, your student will work through the extensive “Dinosaur Days of Long Ago Notebook.” This fantastic resource teaches kids all about the Creation days,

and then works through species of dinosaurs one by one, and takes kids inside the world of fossils and collecting specimens. They’ll enjoy a lot of nature journaling, just as Charlotte Mason advocated!



Plus, students will really enjoy the fun learning add-ons available in ebook: the Dino and Me Photo Shoot, the Dino Scenes and Book, the Dinosaur Mini-Poster Pack, and the Where They Walked Geo Pack. Students who love dinosaurs will have a lot of exciting hands-on things to do with this awesome program!

Rock Around the Earth

Geology & Earth Science

Introducing Rock Around the Earth!

A Year Long Science Program

In this amazing study you will dive into everything geology. Our student notebook and living books will take you into the depths the earth. Exploring volcanoes and experiencing earthquakes while studying rocks and minerals. Easy, fun, and enriching experiments fill this program to make it hands-on and interactive every single week. Each week your student will work through several resources.

“Rock Around the Earth” coordinates allow students to spend a year discovering the Earth and the study of geology. They’ll look into topics like the Ice Age, glaciers and their movement, what the earth is made of how rocks form, the different types of rocks, fossils and fossil fuels, and minerals found in the earth. Students will see for themselves how volcanoes reshape the earth and create new rock forms, while heat from the earth’s core creates geysers and hot springs. Students will observe erosion at work in water, weathering, and the land itself. Then they’ll see how they can continue to investigate geology and develop a lifetime of interest in the Earth. They can dig into soil, make a point of visiting awesome landforms like the awe-inspiring Grand Canyon or stunning Monument Valley, descend into caves, or even collect rocks and minerals.

Easy-to-complete activities are scheduled that will let your students try things and experiment for themselves. They can try to create a flood in a jar, make a mini-glacier, put together a sedimentary lunch, or see how magnetic a food they often eat really is! The activities require only simple household supplies to complete. Students will love the experiences they have!



Equine Science

Anatomy, Movement,
Care & Behavior of Horses



Introducing Equine Science!

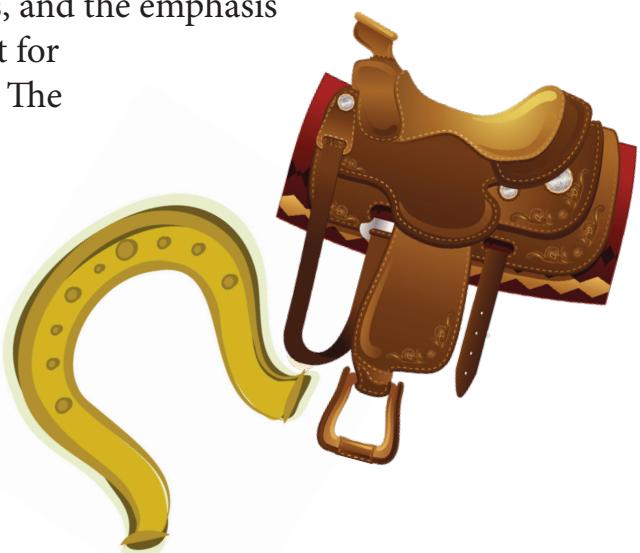
A Year Long Science Program

This program is our most popular science program. Families love the unique focus and enriching resources that our Equine Science program introduces them to. You will study five areas in regards to horses: their anatomy, care, behavior, and their movement. Between the journals and the seven living books scheduled in the program you will have an amazing year!

This program features an easy-to-follow guide, several wonderful books, and three comprehensive journaling resources that will have the student learning throughout the year. The journals offers over 350 interactive pages in which to travel through equine history, record what students have learned in interactive pages, write out results of experiences or experiments, complete breed profile pages, and record the great things they see and do as part of this program. This notebook is high-quality and features wonderful full color illustrations!

What about boys? Is this program going to feel “girly”?

The resources in this set are not going to feel “girly” to a boy who’s interested in horses. The illustrations feature boys and girls, and the emphasis in this program is on science and care, and finding out for yourself, not on making hairbows for a horse “friend.” The one exception is the book “Horse Crazy,” which, while it does have “girly” projects, still has oodles of pages that are informational and not girl-directed. In addition, our guide offers alternate “boy-directed” suggestions for some projects in this book, so they don’t feel they are missing out on all the projects!





Jiggle, Jostle & Jolt

A Study of Energy:
Heat, Electricity & Magnetism

Introducing Jiggle, Jostle & Jolt!

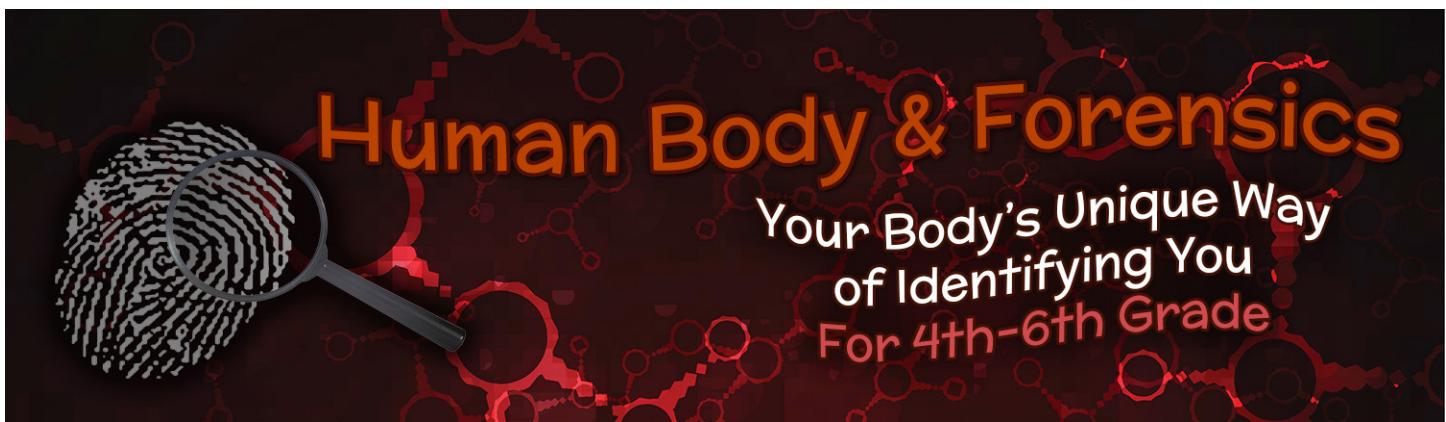
A Year Long Science Program

Get energized this year with our Jiggle, Jostle, and Jolt Science program! Your student this year will be study a lot of different topics — Heat, Energy, Light, Electricity & Magnetism. You will learn about thermal energy, chemical energy, nuclear energy, lighting, voltage, sound waves, electromagnetic waves and SO much more! This is a truly fantastic program.

Topics Studied in This Program!

- Forms of Energy
- Mechanical Energy
- Chemical Energy
- Nuclear Energy
- Nuclear Weapons
- Conduction
- Convection
- Radiation
- Solar & Geothermal Energy
- Electricity
- Conducting & Detecting Charge
- Lightning
- Current
- Voltage & Power
- Serial & Parallel Circuits
- Magnetic Fields
- Magnetic Materials
- The Earth's Magnetic Field
- Electromagnetism
- Generators & Motors
- Waves
- Electromagnetic Spectrum
- Sound Waves
- Characteristics of Sound
- Behavior of Sound
- Musical Instruments
- Light
- Color
- Reflection
- Mirrors
- Refraction
- Lenses
- Using Energy: Final Project





Introducing Human Body 4-6!

A Year Long Science Program

Your family will love this simple and rich science program. In our Human Body & Forensics program you will learn all about the human body and how we can identify people through the use of forensic science. Forensic investigation is brought out in an amazing resource read throughout the year. Meanwhile, the our amazing full-color student journal brings to life all of your learning and includes amazing, yet simple, lab experiments. A cool addition to the program is the study of medicine and it's history and development. This is a program you will not want to miss!

Each week your student will work through your full-color "Your One-of-a-Kind Human Body Journal" as well as a few other key resources. These resources are designed to be done orally together with the parent, but could be done independently if the student is older and accustomed to working on their own. Each week there are suggested activities, some of which should be completed. Your student's journal is at the center of this study, providing great reading content and lab work, observations, excitements, and learning how to record your their findings. This coordinates perfectly with the other resources to create an engaging program.

As they go, students will enjoy a lot of science journaling, just as Charlotte Mason advocated. Journaling assignments also help to reinforce what the student is learning. Students will learn to write notes on assignments!





Human Body & Forensics

Your Body's Unique Way
of Identifying You
For Junior-Senior High

Introducing Human Body Jr - Sr!

A Year Long Science Program

Diving deeper than our 3/6 program, our Jr/Sr Human Body & Forensics program dives deep into biology and forensic science. Learn all about DNA, cells, the different systems of our body, how they work, and much more! While also studying topics like deductive reasoning, fingerprints, fibers, hair, teeth, typewriting, and how animals can sniff out more clues. So much to dive into and so much can be learned. This makes for a truly unique science program for your Jr/Sr aged student!

Each week your student will work through several resources. There is a lot of content in the activities, and most of them are very simple to complete and require limited supplies. Any needed supplies beyond common items such as art or household supplies are listed in the back of this guide.

This program includes significant forensics material and crime scene information. In this way, it differs from our “Human Body and Forensics for 4th to 6th Grade,” which contains just a flavor of forensics material. It is worth noting that much of the forensics study completed this year focuses on the collection of evidence found at a crime scene, which may or

may not be the scene of violence. Forensic science is used when collecting evidence at robberies or arson crime scenes, for instance. However, it is assumed that much of the practice of forensic science does involve a dead body, whether that person died violently or from natural causes. The resources that cover these topics have been chosen based upon

