



**2017- 2018 CLASS DESCRIPTIONS  
GRACE HOMESCHOOL CONNECTION  
LOWER LEVEL ELEMENTARY CLASSES (Grades 1 – 3)**

**Note:** In general, core classes for grades 1– 3 are not offered by GHC in order to facilitate and encourage the one-on-one direct instruction by the parent during these early years of learning. Lower elementary students must be attended by parents when not in class.

**CLASSICAL MEMORY**

**Classical Memory**

**Lower Elementary (Grades 1 – 3)**

“Set the seal to the wax while it’s hot.” Laying a solid foundation for future learning, this Classical Memory class provides the opportunity for students to thrive in memorization while learning about the world around them. Students will pursue six categories of memorization: history, science, grammar, math, Bible, and Latin. Throughout the course of the year, students will learn 160 points on the history timeline, key figures and concepts in science, all the parts of speech, skip counting from 1 – 15 (to support foundational math studies), select Bible passages, and basic Latin terms and paradigms. This course will tap little “pegs” into the mind upon which future academic studies will expand. Students will work together in this fun foundational class to make many “memories.” (Note: Students will be given the history and science facts to be memorized each week in class; memory cards are optional for use at home as visual aids. Please contact Sarah-Ginny Osborn if you want these in advance.)

**Texts and ISBNs:**

- **Optional:** Veritas Press History Cards (all 5 sets at [www.veritaspress.com](http://www.veritaspress.com))
  - Old Testament and Ancient Egypt – 978-1930710009
  - New Testament, Greece and Rome – 978-1930710016
  - Middle Ages, Renaissance and Reformation – 978-1930710023
  - Explorers to 1815 – 978-1930710030
  - 1815 to Present – 978-1930710047
  
- **Optional:** Classical Conversations Science Cards ([www.classicalconversationsbooks.com](http://www.classicalconversationsbooks.com))
  - Classical Acts & Facts Science Cards, Biology & Geology – 978-0972719704

**Materials Fee:** N/A

**Instructor:** Sarah-Ginny Osborn

1½ hour/32 weeks

## ELEMENTARY ART

### **Art - Elementary**

### **Lower Elementary (Grades 1 – 3)**

This 32 week elementary level art class emphasizes the fundamental principles of art through painting, collage, drawing, and sculpture. Students will gain skill in art by looking at great works of art, discussing the elements found in those works, and imitating the techniques. Throughout the course of the semester, students will complete a series of art projects, culminating in a portfolio to be displayed at the end of the semester.

**Materials Fee:** \$30

**Instructor:** Hayley Morris or Julie Glowacki

1 Hour/32 Weeks

## FOREIGN LANGUAGE

### **Latin – Beginner 1**

### **Lower Elementary (Grades 2 – 3)**

Did you ever believe that there would be a Latin program that would match the energy, developmental level, and fun loving nature of primary students? *Song School Latin* is a gentle and delightful introduction to Latin. Each weekly lesson is peppered with songs, illustrations, hand-writing practice, stories and activities for easy mastery and memorization. Learn over a hundred engaging everyday Latin vocabulary words for the seasons, body parts, food, animals and common greetings. A lively musical CD is a delightful piece of the program and comes in the back of each student text. Come join the fun!

**Text:** Classical Academic Press' *Song School Latin*

**ISBN:** 978-1600510458

**Materials Fee:** \$10

**Instructors:** Carrie Johnson

1 hour/32 Weeks

## HISTORY

### History - Elementary

### **Lower Elementary (Grades 1 - 5)**

**Middle Ages, Renaissance & Reformation:** Using the Veritas Press' History Cards as the springboard for this course, this year's study is part three of a four-year elementary program based on the study of living histories. The course focuses upon the history of the Middle Ages, the Renaissance and the Reformation through studying the exciting accounts of "real people who had real adventures." Capturing the pert stage of the early learner and the natural desire for exploration, this course will include hands-on activities and class projects that make history come alive.

#### **Texts and ISBN:**

##### **Textbooks:**

- Greenleaf Press' *Famous Men of the Middle Ages* – ISBN: 978-1882514069
- Greenleaf Press' *Famous Men of the Renaissance and Reformation* – ISBN: 978-1882514106

##### **Veritas Press' History Cards:**

- *Veritas Press History Cards Middle Ages, Renaissance & Reformation* – ISBN: 978-1930710023

**Materials Fee:** \$20

**Instructor:** Sarah-Ginny Osborn

1½ hour/32 Weeks

## MAPPING/GEOGRAPHY

### Mapping the World

### **Lower - Upper Elem/Middle (Grades 1 - 6)**

Helping your child learn about a country is not just about learning the name of a far-off place, but understanding the location as a crucial component of the five themes of geography. With Mapping the World by Heart, your child will gain knowledge of physical geography, allowing them to map all of the continents with special emphasis on the US - from memory! Student will learn to draw detailed maps including important locations and landforms. Combining memorization with the real use of knowledge, practice, mnemonics, group activities and games, "Mapping the World by Heart" inspires students to study and love geography!

**Text:** Any Atlas that can be brought to and from class

**ISBN:** N/A

**Materials Fee:** N/A

**Instructor:** Sarah-Ginny Osborn

1 hour/32 weeks

## ROBOTICS

### **Robotics – Beginner 1**

**Lower Elementary (Grades 1 – 3)**

Robotics I will focus on providing students with the basic foundations of applied physical science. The students will experiment with levers, pulleys, gears, gear ratios and basic locomotion. They will learn how to build basic robots using the LEGO Mindstorms' robotics kit. They will also learn basic programming and use it to control their robots. The goal of Robotics 1 will teach the students how to apply the basics of engineering in a creative, practical manner.

**Materials Fee:** \$10

**Instructor:** Kristina Bengé

1 Hour/32 Weeks

## SCIENCE

### **Zoology 2**

**Lower Elementary (Grades 1 - 3)**

#### **Swimming Creatures of the Fifth Day**

Students will study swimming creatures from the microscopic to the massive. Throughout the course of the year, students will study whales and dolphins, spy on seals, and meet manatees. Afterwards they will swim with sea turtles, snakes, and salamanders; and they will even meet the primeval plesiosaurus and its pals! Next in this course, students will uncover the world of crabby crustaceans, sea snails, clams, and their soft bodied friends, like the octopus, squid, and nautilus. Among other experiments and projects, students will try on blubber, investigate a shark's ability to sense electrical currents, explore how whales can hear sounds that come from far away, and learn through experimentation which creatures make the best fossils. They will also make a miniature hand-crafted aquarium.

**Texts:** Apologia Young Explorers Series: *Exploring Creation with Zoology 2: Swimming Creatures of the Fifth Day – Young Explorers Series & Junior Notebooking Journal*

**ISBN:** 978-1932012736 (Textbook); 978-1935495604 (Junior Journal)

**Materials Fee:** \$20

**Instructor:** Pam Scott

1½ hours/32 weeks

### **Astronomy**

**Lower Elementary (Grades 1 - 3)**

Using Apologia's *Exploring Creation with Astronomy*, students will explore the universe with this scientifically sound and God-honoring study of the Universe. Throughout the course of the year, students will have fun exploring the major structures of the solar system; learning details about each planet, the Earth's moon, the asteroid belt, stars and galaxies outside our solar system; and studying space travel, astronauts, and much more. Class projects include making a solar eclipse, simulating the use of radar to determine a hidden landscape, making a telescope, and making an astrometer to measure the brightness of a star!

**Text:** Apologia Young Explorers Series: *Exploring Creation with Astronomy and Astronomy Junior Notebooking Journal*

**ISBN:** 978-1940110585 (Textbook); 978-1940110738 (Junior Journal)

**Materials Fee:** \$20

**Instructor:** Ruthie Buck

1½ hours/32 weeks