

MACH Elementary Class Description and Book List for 2021-2022

2- and 3-Year Old's

This class will focus on cooperation with other children, in addition to learning and developing motor skills such as coloring, tracing, cutting, and pasting. In addition, this class will allow structured playtime, as well as story time and snack time. A class fee of \$5- \$10 may be charged at the end of the year to cover the cost of copies, craft supplies, and a possible workbook.

Preschool

A variety of activities are used to develop gross and fine motor skills, including cutting, pasting, coloring, writing, and group songs and games. Colors, shapes, and numbers are introduced and studied, but the primary emphasis is on learning the sounds and how to write each letter of the alphabet. We focus on one letter per week and read various books and do hands-on-activities to enhance learning the letter of the week. There is a class fee of \$5-\$7 per semester to cover materials and copies, and a possible workbook used in class.

K thru 2nd Grade Gym Class

Working cooperatively with partners and as part of a team, students will develop motor/movement skills, emphasizing teamwork, listening skills, and foster appreciation and interest in physical accomplishment.

K thru 2nd Grade History: Life in Plymouth Colony

This class will cover a variety of time periods throughout history (taught on a 3-year rotation). This year we will focus on the voyage of the Pilgrims, the New World, life in a new colony, and what the Pilgrims have given us. In addition to history, each class will begin with "calendar time", where students will concentrate on reviewing the current date, and learning the days of the week and months of the year. Special emphasis will also be given to important holidays, such as Columbus Day, Thanksgiving, President's Day, etc. The rest of the class time will be devoted to hands-on-activities and projects. No textbook is required. A class fee will be charged at the end of the year to cover the cost of copies and supplies. Some optional projects may be assigned outside of class.

K thru 2nd Grade Science

This hands-on-learning class will cover a variety of topics related to science, health, and safety. No textbook is required. Reproducible sources will be used to make copies of worksheets and other projects for students' use in class. Optional projects outside of class will be assigned and may include seed collections, leaf collections, animal investigations, nature walks, and/or Show-&-Tell projects. A class fee for copies and supplies will be collected at the end of the year.

3rd/4th Grade U.S. History

In this class, students will learn about the "Dawn of Opportunity", examining the events from the 1700's to the 1900's. Geography begins the year, then we will learn about the masses of people immigrating to America; how that change the look of America and what freedom means. We will study missionaries, the fifty states of America, the explosion of inventions and how that also changed the way America looked and operated. We will touch on some world history and end with government and economics. This class will include sequencing events, summarizing data, making predictions, working with graphs, and forming opinions. Students will have weekly homework assignments, write several reports, and do projects and other hands-on activities. A copy fee will be collected at the end of the year.

Required books:

- Bob Jones University Press *Heritage Studies 4*, Student text , 2nd edition ISBN 0-89084-916-1 *Note this is an older edition and can easily be purchased used.

3rd/4th Grade Science: Flying Creatures of the 5th Day

Using Apologia's *Zoology 1: Flying Creatures of the Fifth Day*, students will learn the process of animal classification, dynamics of flights, the study birds, and unpack the world of bats. We will wrap up this year learning about prehistoric flying creatures, insects and their life cycles. Class time will be spent doing activities, projects and lapbooks. There will be weekly homework assignments. A copy and supply fee will be collected for this class.

Required books:

- Apologia *ZOOLOGY 1: Flying Creatures of the 5th Day* ISBN 978-1-932012-61-3

5th & 6th grade History– Ancient Civilizations

This class will span history from creation to the time of Christ. Three major areas of study will be the stories of ancient Egypt, Greece, and Roman civilizations. Along the way, other neighboring civilizations will be included, some known and some not so familiar. During this course of study, the Bible will be viewed alongside each topic and incorporated into the thread of history. The class will include the use of creative writing, book reports, projects, biographies of famous individuals, geography, and map studies. A copy fee may be required, not to exceed \$15.00.

Required books:

- *Creation to Christ Student Notebook Pages* (Sold by Heart of Dakota Publishing) *Purchasing these Notebook pages together as a group will save on shipping.
- *Ancient Egypt and Her Neighbors* by Lorene Lambert ISBN 978-1-616134-203-6
- *Ancient Greece Streams of History* by Elwood W. Kemp ISBN 1-59915-255-X
- *Ancient Rome Streams of History* by Elwood W. Kemp ISBN 1-59915-256-8
- *Famous Men of Rome History for the Thoughtful Child* ISBN 1-882514-03-3 (You will need the stories NOT the study guide)
- Other selections may be required

5th/6th Grade Science

In this class, students will study the following topics: atoms/molecules, electricity/magnetism, and motion/machines. An in-depth study of Astronomy will also be a focus of this class; students will learn about the wonders of our solar system, the stars, and beyond. Hands-on activities, experiments and projects are used in class to enhance these topics. A copy/supply fee will be collected at the end of the year. (**BJU tests are optional - Students who choose to do the tests, will complete them at home and the teacher will collect and grade them.)*Note: Only half of the BJU books will be used each year. Students beginning this class in 5th grade, will complete the books in 6th grade.

Required books:

- BJU *Science 6* student textbook, 4th edition ISBN 978-1-60682-206-7
- BJU *Science 6 Activity Manual*, 4th edition ISBN 978-1-60682-217-3
- BJU *Science 6 Tests Booklet*, 4th edition ISBN 978-1-60682-219-7 **OPTIONAL**
- Apologia *Exploring Creation with Astronomy*, 2nd edition ISBN 978-1-940110-58-5

3rd thru 6th Grade Gym

The 3rd-6th-grade gym class will cover a variety of sports units, including but not limited to soccer, basketball, baseball, volleyball, Ultimate Frisbee, badminton, and hockey. A multiple-choice test will be given after each unit to quiz on the information given in class. These tests are optional but also encouraged as they are helpful in the portfolio process. Mid-winter, six weeks will be given towards focusing on physical fitness. Each week's class will also allow the opportunity for students to play a variety of recess-style games, emphasizing teamwork, listening skills, coordination, and agility.

Music & Movement (Ages 3-1st grade)

The class will offer a basic first taste in enjoying and participating in music within a group. Forming a foundation with simple musical games, music will first of all be fun. Introduction to a variety of classical pieces of music will foster appreciation for its diverse and imaginative qualities. Singing engaging songs with a group will offer first experiences in melody, echo/responsive turn taking, and lyrical memorization. Hand motions and choreographed movements will offer further engagement in the music experience. Most importantly, children will learn through songs and motion that their heart, their voice, and their praise are valuable instruments of worship to God.

Woodworking/Cooking Class (2nd-9th grade) (Fall semester only)

This class will cover general woodworking skills such as sanding, supervised cutting, drilling, hammering, nailing, and/or painting and staining. The final decision for the woodworking project has not yet been determined. Simpler woodworking options will be provided for the younger ages, and more advanced options will be available for the older students. Options discussed are a bookshelf or clock. During the cooking portion of this class, students will learn skills such as chopping, dicing, frying, and browning. Each student will prep and assemble their own 9x13 dish. Final cooking or baking will be finished at home. Possible meal choices include a casserole/layered dish, a salad meal, Stromboli, spaghetti and meatballs, and a crockpot meal. A list of supplies for this class will be provided closer to the time. There will be an approximate supply fee of about \$30.

Choir/Musical (2nd-9th grade) (Spring only)

Teacher: Jamie Gerlach Cost: Approximate cost is \$50/student but is dependent on the number of participants. A \$10 discount will be given per student if a family has more than 2 participating.

This class will provide instructions of musical elements including rhythm, singing with healthy technique, reading music, and performing. A drama component may also possibly be added.

Organized Games (Fall semester) (Grades 2-6)

This class will be overseen by moms of students in the class. As weather permits, students will play outside using the ballfield or gaga pit or may play any other organized game the overseer chooses. On days when weather does not permit outdoor play, board games, card games, or other options will be provided for indoor play.

Art (with an Ocean and Underwater Theme) & Games (Spring semester) (Grades 2-6)

This class will alternate between art and games and will be overseen by moms of students in the class. Video tutorials of art projects using a variety of mediums will be provided as an option for use, however, moms also have the freedom to choose art projects, as long as it is geared toward an ocean and underwater theme. Students may need to provide their own art supplies and/or a fee may be charged for those supplies shared by all students. On game weeks, students will play outside using the ballfield or gaga pit or may play any other organized game the overseer chooses. On days when weather does not permit outdoor play, board games, card games, or other options will be provided for indoor play.