

## MACH Elementary Class Description and Book List for 2017/2018

### 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 - 3rd Grade Gym Class

Working cooperatively with partners and as part of a team, students will develop motor/movement skills and foster appreciation and interest in physical accomplishment. Skills needed to play team sports such as basketball, volleyball, kickball, etc. will be learned through drills and low key playing of these sports.

### Kindergarten History

This class will focus on the important events and people of early American history, from Columbus and the American Indians to the Puritans and Pilgrims. Incorporating geography, American history, government, economics, world history and culture, students will receive a foundation for later social studies. Class time will include stories, projects, and other hands on learning. A class fee may be charged at the end of the year to cover the cost of copies and supplies.

Required book:

- *Bob Jones University Press Heritage Studies 1*, Student Text (Second Edition)  
ISBN# 9781591669081 \*Note, this is an older edition and can easily be purchased used.

### Kindergarten Science

Develop an appreciation for science in your youngest students! Experiments, photographs, and easy to understand text introduce students to the senses, weather, seasons, health, animals, matter, sound, space, plants, and physics.

- No books required, but a small supply fee will apply.

### 1st Grade History

This class will bring life to our American heritage by explaining the lifestyle of the early English colonists. Colonial farming, shop-keeping, clothing, politics, famous people, early wars, and more are covered in an age-appropriate manner, with geography, Bible, some world history, government, economics, and culture presented to promote the understanding of American history. Class time will include projects, stories, and other hands-on-learning activities.

Required book:

- *Bob Jones University Press Heritage Studies 2*, Student Text (second edition)  
ISBN# 13:9781591668305 This is an older edition and can be easily be purchased used.

## 1<sup>st</sup>/ 2<sup>nd</sup> Grade Science

Living things, plants, environments, fossils, how the earth moves, heat, and systems of the body are just some of the topics students will explore in this class. More in-depth unit studies of these topics will be incorporated throughout the year. Class time will consist of science activities and experiments, which give students hands-on-learning opportunities. A class fee may be charged at the end of the year to cover supplies and copies.

**\*\*Note:** Only ½ of the text and activity manual will be used each year. Students beginning this class in 1<sup>st</sup> grade will complete the text in 2<sup>nd</sup> grade.

Required books:

- *Bob Jones University Press Science 2* student text (third edition) and activity manual
  - Student text ISBN#: 9781591669623
  - Activity Manual ISBN #: 9781591669630

## 2nd Grade History

This text subtitled, “Sweet Land of Liberty”, examines the events from the Constitutional Convention through the Civil War and Westward Expansion. Through these study, students will learn to sequence events, summarize data, make predictions, identify sources of information, work with graphs, and formulate opinions. Geography, alignment with Bible truths, relevant world history, government, economics, and culture are all presented to help better understand the background of the United States. In class, the students will participate in various activities including stories, videos, projects, and experiences to enhance their learning.

Required book:

- *Bob Jones University Heritage Studies 3*, Student Text (Second edition)  
ISBN# 13:9781591669890 This is an older edition and can be easily purchased used.

## 3rd Grade 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 mass of people immigrating to America; how that changes the look of America and what freedom means. We will study missionaries, the fifty states in 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, work with graphs, and forming opinions. Students will have weekly homework assignments, write several reports, and do projects and other hands on activities.

Required books:

- *Bob Jones University Press Heritage Studies 4*, student text (second edition) ISBN# 0-89084-916-1  
\*Note, this is an older edition and can be easily purchased used.
- *Bob Jones University Studies Heritage Studies 4 Notebook 4*, ISBN# 9781579241674 \* Note, this is a black and white activity book, not the Student Work-text. (CBD has them available)

## 4th Grade History

PA History will be explored using the *Pennsylvania Keystones* Curriculum. The students will learn more about Native Americans and early settlers in PA, by making timelines about the lives of important people in Pennsylvania's history, participating in group projects like making a wampum belt, reading related books, and other activities.

One of the goals of the class will be to learn the states and capitals of the United States. In class, we will reinforce this learning by playing map games.

The second half of the year, students will learn about American history from the late 1800's to the present time. Students will learn about assembly lines, the stock market, World War I and II, the depression, the Civil Rights Movement, Communism, and more.

(see next page for required books)

#### 4th Grade History Required Books:

- *PA keystones* by Susan Kemmerer ISBN# 0-9758543-2-1
- *PA Keystones Student Activity Pack* ISBN# 0-9758543-3-X
- *Bob Jones University Press Heritage Studies 5, Student Text (Third Edition)*. ISBN# 9781591665700
- *Bob Jones University Press Heritage Studies 5, Student Activity Manual (Third Edition)* ISBN# 9781591665717

#### 3rd and 4th Grade Science

Ecosystems, birds, insects, forces and machines, electricity and magnetism, light, the moon, water and oceans, and body systems are some of the topics covered in this course. Some of these topics will be explored using a more, in-depth unit-study. Class time will consist of various projects and experiments to enhance the study of each topic. \*\*Note: Only ½ of the text and activity manual will be used each year. Students beginning this class in 3<sup>rd</sup> grade will complete the text in 4<sup>th</sup> grade. A copy and supply fee may be charged at the end of the year.

#### Required books:

- *Bob Jones University Press Science 4, Student Text (4<sup>th</sup> Edition)* and *Activity Manual (4<sup>th</sup> edition)* \*\*\*I have been told not much has changed in the student text from 3<sup>rd</sup> edition to 4<sup>th</sup> edition, and that if you had the 3<sup>rd</sup> edition you can use the older book. If you don't have the 3<sup>rd</sup> edition, please purchase the 4<sup>th</sup> edition
  - Text ISBN - 978-1-60682-725-3
  - Activity Manual ISBN - 978-1-60682-830-4 \*\*\* please purchase the 4<sup>th</sup> edition
  - Tests #4<sup>th</sup> edition (optional): ISBN - 978-1-60682-832-8
- *Apologia ZOOLOGY 1: FLYING CREATURES* ISBN 978-1-932012-61-3

#### 5th 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 Egyptian, Greek, 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.

#### Required books:

- *Creation to Christ Student Notebook Pages* (sold by Heart of Dakota Publishing)
- *Ancient Egypt and Her Neighbors* by Lorene Lambert ISBN# 978-1-61634-203-6
- *Ancient Greece Streams of History* by Ellwood W. Kemp ISBN# 1-59915-255-X
- *Ancient Rome Streams of History* by Ellwood W. Kemp ISBN# 1-59915-256-8
- *Famous Men of Rome History for the Thoughtful Child* ISBN# 1-882514-03-3 (You need the stories, not the study guide. May be found used for less than \$10. Heritage-History.com offers this book free to read on line or as a PDF file for a small fee.)
- Other selections may be required
- A copy/material fee may be required, not to exceed \$20.

#### 6th grade History – Middle Ages

This class will cover the period of history from the fall of Rome to the beginning of the Renaissance. It will include the rise and fall of many Empires. Every continent will be visited as many facts about the people and places all over the world are discovered. This course will include a book report, activities in class, projects, and map studies.

#### Required books:

- *Story of the World Volume 2* by Susan Wise Bauer (textbook only) ISBN# 0-9714129-3-6
- *Questions and Answers: Knights and Castles* by Philip Brooks ISBN# 978-0753453711
- *Castle* by David Macaulay ISBN# 0-395-32920-5

### **5th and 6th Grade Science**

The earth and solar system, cell structures, plants and animals, heredity, and body systems are covered in this course. Hands-on-activities, experiments, and projects are used in class to enhance these topics. To further enhance the learning of these subjects, some in-depth unit studies will be covered throughout the course. **\*\*Note:** Only ½ of the text and activity manual will be used each year. Students beginning this class in 5th grade will complete the text in 6th grade.

Required books:

- *Bob Jones University Press Science 6,*
  - Student Text (4th Edition) ISBN# 9781606822067
  - Activity Manual ISBN# 9781606822173
  - Tests (optional): ISBN# 9781606822197
- *Apologia Astronomy 2<sup>nd</sup> edition* ISBN: 978-1-94011-58-5

### **4th - 6th Grade Gym**

The 4th-6th-grade gym class will cover the basic skills and rules of different sports during our sports units. We will play a variety of games, emphasizing teamwork, listening skills, coordination, and agility. Personal physical fitness will be encouraged.

## **Afternoon Electives**

**Music Lessons** with Todd Brill can be scheduled in the afternoon

### **Elementary Recess (All Year)**

All students will have the option to be in the gym, go outside on nice days, or sit in an area and hang out. We will rotate several Moms each week to monitor this 30-minute time and provide supervision for the gym, outside playground, and study hall area.

### **Fall Mix 1 and Spring Mix 1**

This class is for children 4 years to 1st grade. This class will be held in the nursery so the children can also have time for free play together. The focus will be a Creative Movement Time that will pair music and movement. Moms of the children participating will take turns helping in the class.

### **Fall Mix 2**

This class is for 2nd grade through 6th grade. Our focus will be holiday celebrations! Each week we will be focusing on certain holidays, learning the meaning and history behind them, and celebrating together! With games, food, activities, and fun ideas this class will enjoy and have a new appreciation and understanding for over a dozen American Holidays. We will also take a couple of weeks to learn about safety. Moms will take turns leading and helping in the class.

### **Spring Mix 2**

This class is for 2nd grade through 6th grade. Our focus will be life skills and topics will include cooking, sewing (maybe a simple craft or a lap blanket to give away), cleaning, money management, organizing and community service. This class is for the boys and girls. Moms will lead and help in the class and can suggest or lead a topic they would like to pass on to the students.

### **Bell Choir** for 2<sup>nd</sup> thru 12<sup>th</sup> grade (Offered in the Spring)

Taught by Jim Hoffman. Cost of \$45 for the semester. The Bell choir will perform at Presentation Night and another local nursing home after Presentation Night.

**Vocal Ensemble** for 2<sup>nd</sup> thru 12<sup>th</sup> grade (Offered in the Spring)

Taught by Todd Brill. There will be a cost for the choir that will be divided among the participants. We will need a piano player during the choir. Because Psalm 150 says, "Let everything that has breath, praise the Lord, join with others and learn sound vocal technique. We will touch on proper vocal support, diction, posture, deportment, and solfeggio with hand signs in order to blend our voices into a unified sound. We will sing both unison and melody in a variety of musical styles. We may even write our own song. We will prepare 2 or 3 songs for Presentation Night and to share at a local nursing home. Come make a joyful noise in the MACH Vocal Ensemble.

**Fall Art and Gym Class**

Art will be taught by Alan Snavelly for upper elementary and junior high students. Students are welcome to participate in this art elective, which will alternate between art and gym games. Art will focus on learning the fundamentals of art, some famous artists and paintings, and a variety of art techniques. Cost for this class will be for materials only.

**Sign Language** (Fall only)

Ashley Grimes will continue teaching the students sign language, and new students can join in, too. An inexpensive text will be used in this class and there will be a cost between \$35 to \$45 per student, with a family maximum of \$90, depending on the number of students participating in the class. This class is for elementary through high school-age.

**Spring Art Class**

Ashley Grimes will teach an art class that will incorporate the history of art and include a variety of projects. Class will meet each week for 15 weeks. This class will have a material fee and teacher fee between \$35 to \$45 per student depending on the number of participants.

**Drama** (Spring only)

This class will be open to all ages that would like to learn drama based on Bible memorization. Piercing Word Ministries will get this elective started and share how to use the Bible and acting to present the Gospel. Moms will help during the times Piercing Word can lead the elective and then continue with the training given by Piercing Word. The class will have a fee that will include a donation to Piercing Word for their time teaching our group. This group will work on a drama to share at Presentation Night and at a local nursing home after Presentation Night.