



SEED Educational Initiative, Inc. 2018 – 2019 Schedule

	9:40 - 9:55	10:00-11:10	11:20-12:30	12:30 -1:30	1:35-2:45	
Sprouts	Morning Arrival	Exploration and Discovery				
Seedlings		Thematic Exploration and Discovery				
A		Open Exploration		Legos/S.T.E.M.		Art
B		History of Art	Heaven & Earth Science: Ecosystems & Universe	Physical Education	Home Economics Science & Math Chef	Creative Writing
C		Leadership For Teens	Home Economics Science & Math Chef	Foundations in Personal Finance	Bible Study for Teens – Breath of the Lord	Creative Writing
D	Chemistry Labs					Introduction to Art
				Lunch & Recess	History Ancient Civilizations	
					Consumer Math	



**SEED Educational Initiative, Inc.
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	2:55 – 4:10		
Sprouts	Exploration and Discovery continues		
Seedlings	Thematic Exploration and Discovery continues		
A	Fun Games in Gym – Physical Education		
B	Daring Boys & Girls	Discovering God’s Creation: Me!	Sewing
C	Heaven & Earth Science: Ecosystems & Universe	World Geography	
D	Spanish I		

Course Descriptions:

The following classes cover two semesters. Most Level B – Level D classes have a class size minimum of **6 students** and a maximum of **12 students**. D Level high school credit classes are not held to the same class size requirements. C level students can take B level classes even if not indicated. C level students will be considered for a D level “only” class if the student is mature and academically prepared for the subject matter. Preference will be given to D level students before considering C level students.

Each student is required to bring their own school supply box (i.e. scissors, pens, pencils, colored pencils, notebook paper, glue sticks, etc.). A detailed list will be provided in the class syllabus from the teacher.



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Sprouts

The Sprouts class focuses on the principles of respect, responsibility, and community through exploration and discovery. The children learn in a loving and enriching environment. The day is not planned but evolves based on the children's interests. Children are welcomed into the classroom when their developmental growth enables them to participate safely with the group and the classroom. A \$10.00 snack fee per semester is required.

Seedlings

The Seedlings class focuses on the principles of respect, responsibility, and community through exploration and discovery. The children learn in a loving and enriching environment that is based on their interests through self-guided curriculum. The teacher and assistant plan hands-on thematic activities based on the interests presented in play. This is not a typical Kindergarten class setting and the children do not participate in worksheet type learning. Children are welcomed into the classroom when their developmental growth enables them to participate safely and constructively with the group and the classroom. A \$10.00 snack fee per semester is required.

Level A

Students will explore, learn, and grow together during the four class periods. Hands-on learning will begin with Open Exploration 1st period and continue through Legos/S.T.E.M. activities second period. Third period will bring art to life as the children get crafty with their activities. Fourth period helps release energy and gets those muscles moving!

1st Period

History of Art (Level B)

Prerequisite: none

Text: none

Fee: none

Supplies required: spiral notebook, large sketchbook, drawing pencils

We will take a journey studying art from Creation to Contemporary. Each art period will be examined and lessons of faith applied. Worksheets, projects, and activities will provide hands-on experience of a variety of art techniques spanning history.



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1st Period Cont.

Heaven & Earth Science (Level B)

Prerequisite: none

Text: Answers In Genesis – God’s Design For Science – *Properties of Ecosystems and Our Universe* (4th edition)

Fee: none

Supplies required: basic school supplies

We will start the year learning about different ecosystems on the earth and how God created each one to be unique and functional. The class will then study the heavens during the second semester. We will learn about the stars and other heavenly bodies and see how God has made the earth so special. There will be weekly reading assignments, hands-on activities, some take-home worksheets, and two end of semester projects.

Leadership for Teens (Level C/D)

Prerequisite: none

Text: none

Fee: none

Supplies required: 3-ring binder or 3-pronged folder and basic school supplies

Relationships are core to everything we do. This engaging and interactive course focuses on how to build positive relationships in all aspects of our lives. The students will learn practical tools to navigate through the waters of change that life throws our way while identifying barriers to positive changes we should make. Practical communication and rapport building tools will also be presented that can be applied to all levels of relationships. There is never a dull moment in this course! **Student will receive one elective credit upon successful completion of this course.**

Home Economics: Science & Math Chef (Level C/D)

Prerequisite: none

Text: none

Fee: \$10.00

Supplies required: apron (doesn’t need to be new)

This class is a traditional Home Economics with a twist! Students will learn baking and cooking basics, food and kitchen safety with some science and math mixed in for extra learning fun.



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1st Period Cont.

Foundations in Personal Finance – Dave Ramsey (Level C 7th/8th grade and Level D)

Prerequisite: none

Text: *Foundations in Personal Finance – High School Edition for Homeschool*

Fee: none

Supplies required: basic school supplies

Financial Peace is the most influential and financial literacy curriculum choice on the market today. Relevant information for today's changing economy will prepare the students for a successful financial future. Financial experts provide the instruction via DVD's and led by our SEED instructor. Homework tests will be administered. **Students will receive a ½ financial literacy credit upon successful completion of this course.**

2nd Period

Physical Education (Level B)

Prerequisite: children need to be physically able and medically permitted to run, jump, and sweat indoors or outdoors (above 40 degrees outside)

Text: none

Fee: none

Supplies required: comfortable clothing appropriate for indoor and outdoor gym activities and gym shoes

This class will focus on motor skill development, health fitness, and physical movements. We will also learn how to play various games with responsible actions according to a Christian lifestyle. The teacher will be using Horizons Physical Education curriculum.

Home Economics: Science & Math Chef (Level B)

Prerequisite: none

Text: none

Fee: \$10.00

Supplies required: apron (doesn't need to be new)

This class is a traditional Home Economics with a twist! Students will learn baking and cooking basics, food and kitchen safety with some science and math mixed in for extra learning fun.



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2nd Period Cont.

Creative Writing (Level C)

Prerequisite: none

Text: *The Creative Writer Level One: Five Finger Exercises* by Boris Fishman (can be found on christianbook.com and Amazon)

Fee: none

Supplies required: 3-ring binder with pockets or 3-pronged folder with pockets and basic school supplies

Using the book, *The Creative Writer* as the backbone of the class, students will learn the craft behind creative writing. The class will study plot, sound, setting, dialogue, and description. Students will learn from classic literary examples and creative writing exercises. Students will then have the needed tools to confidently write fictional stories and poems. There will be weekly assignments outside of class.

Bible Study for Teens – The Breath of the Lord (Level C/D)

Prerequisite: none

Text: Bible

Fee: none

Supplies required: basic school supplies

Pastor Bill will lead the teens in an understanding of how God intervenes in our life. The class will also explore how the Holy Spirit helps us grow in power and faith.



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2nd Period Cont.

Chemistry Labs (Level D)

Prerequisite: Algebra level math

Text: *Chemistry* by Dennis Englin, published by Master Books (www.masterbooks.com). Recommended: Teacher Guide for quizzes and tests for at home use.

Fee: \$15.00

Supplies required: Composition notebook or binder/ pocket folder with loose-leaf paper

This year in chemistry we will be exploring everything from atoms and molecules to acids and bases. We will be evaluating and balancing chemical equations, determining rates of reaction, and learning about oxidation/reduction reactions. We will be doing various calculations using Algebra level math. Class time will be focused on experiments. Lab reports will be required of most experiments. Out of class reading will be imperative for successful completion of these lab reports. There is also a test book that you can purchase for your own at home use. We will not be conducting tests during class time, but the test book could be valuable to you chose to test. There will be weekly reading assignments to prepare for the experiments. **Students will receive a one science credit upon successful completion of this course.**

3rd Period

Creative Writing (Level B)

Prerequisite: ability to read simple chapter books

Text: none

Fee: none

Supplies required: 3-ring binder with pockets or 3-pronged folder with pockets and basic school supplies

The goal of this class is to spark the imagination of the students and develop their creative writing abilities. Through exciting “story-starters,” picture study, classic literature, and poetry students will also learn language mechanics.



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3rd Period Cont.

History Ancient Civilizations (Level B/C – 6th grade)

Prerequisite: none

Text: none

Fee: none

Supplies required: basic school supplies

We will be exploring six ancient civilizations from the ancient Mesopotamians in the fertile crescent, up to the ancient Aztecs in modern day Mexico. Each lesson will have engaging hands-on activities for more comprehensive learning.

An Introduction to Art – Elements, Principles & Art History (Level C/D)

Prerequisite: none

Text: none

Fee: none

Supplies required: will be included in the syllabus

Learn all the basic elements and principles of art from line, movement, and balance to color, shape, and unity. While learning these skills we will also study art history from Creation to modern art and photo realism. There will be assignments of art projects along with class discussions and studio work. Worksheets and extracurricular activities will also be assigned. Students will be expected to participate in studio art. In class tests will be administered. Students will receive one fine arts credit upon successful completion of this course.



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3rd Period Cont.

Consumer Math (Level C 7th/8th grade & Level D)

Prerequisite: mathematical functions listed below in the overview

Text: ABeka – *Consumer Mathematics Student Text, Consumer Mathematics Skills & Review Exercises and Consumer Mathematics Test & Quiz Book*

Fee: none

Supplies required: basic school supplies

This is a great High School class that will cover how to write checks and balance a checking account, budgeting, buying a car, banking, insurance, and taxes. Students will need to be able to competently perform the following mathematical functions: adding, subtracting, multi-digit multiplying and dividing, averages, percentages (finding and converting), decimals (multiplying and dividing), fractions (converting to decimal, adding, subtracting, multiplying), working with time and money, setting up proportions and solving for unknown, and solving basic algebraic functions for the unknown. This is not a math class, this is a skills class, so knowledge of these mathematical functions is important. Our SEED teacher wishes she had this class option in High School! To be prepared for class and to practice topics covered, students will have weekly reading and written assignments outside of class. In class tests will be administered. **Students will receive one elective credit upon successful completion of this course.**

Conceptual Physics (Level D)

Prerequisite: basic pre-algebra helpful

Text: *Conceptual Physics* by Paul Hewitt, 2004 edition, ISBN-13: 978-0131663015 (You will want to look for used copies, as they are much more affordable.)

Fee: none

Supplies required: notebook or composition book, pencils and colored pencils, glue sticks, basic calculator

Get hands on physics experience without trigonometry and calculus. We will be looking at forces, acceleration, waves, friction, and lots more. Students should have a basic understanding of math, some algebra would be helpful, but advanced math is not necessary. Class time will be devoted to activities making completed homework essential. Students will be expected to record data and relate it to the concepts we have discussed. Students will have weekly reading assignments. **Students will receive one science credit upon successful completion of this course.**



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4th Period

Daring Boys & Girls (Level B)

Prerequisite: none

Text: none

Fee: \$15.00

Supplies required: basic school supplies

An investigation into *The Dangerous Book for Boys* and *The Daring Book for Girls* will include activities such as making a bow and arrow and finding your way using only the stars. Discover the 14 ancient and modern Wonders of the World and learn Morse Code! Use your imagination and creativity for projects such as drawing plans for a treehouse and making your own paper and quill pens. We will make use of the *American Boys Handy Book* and *American Girls Handy* book as well.

Discovering God's Creation: Me! (Level B)

Prerequisite: none

Text: Scholastic – *The Body Book* by Donald Silver and Patricia Wynne (can be found on christianbook.com and Amazon)

Fee: none

Supplies required: 2-pocket folder and basic school supplies

We will be exploring how God made us – Psalm 139:14. We will learn about our organs along with the different functions of the body. The class will strive to meet each child's learning style with hands-on experiments, videos, and handouts.

Sewing (Level B/C/D)

Prerequisite: basic sewing experience and ability to operate a sewing machine

Text: none

Fee: none

Supplies required: sewing machine (in proper working order), sewing supplies (i.e. pins, tape measure, proper scissors etc.)

Learn how to sew basic clothes for yourself! Choose from an apron, pants, skirt, and other clothing items. Students will also learn pattern sewing skills. You may even want to model your garments at our end of semester show. After taking this class you will be able to start sewing for your family in now time!



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4th Period Cont.

Heaven & Earth Science (Level C)

Prerequisite: none

Text: Answers In Genesis – God’s Design For Science – *Properties of Ecosystems and Our Universe* (4th edition)

Fee:

Supplies required: basic school supplies

We will start the year learning about different ecosystems on the earth and how God created each one to be unique and functional. The class will then study the heavens during the second semester. We will learn about the stars and other heavenly bodies and see how God has made the earth so special. There will be weekly reading assignments, hands-on activities, some take-home worksheets, and two end of semester projects. Level C students will be covering the same materials as Level B but at a deeper level. If you have a Level B and C student taking the class, you may only want to purchase one set of books.

World Geography (Level C 7th/8th grade and Level D)

Prerequisite: none

Text: ABeka – *World Geography in Christian Perspective, World Geography Map Studies, and World Geography Quiz & Test Book*

Fee: none

Supplies required: basic school supplies

Join us as we travel around the globe exploring the seven continents on a physical-cultural study of the earth. We will learn about each continent and their features such as vegetation and wildlife, national flags and profiles, cultural insights, famous locations and even the famous people that have lived on that continent. Students will have weekly assignments outside of class. In class tests will be administered. **Students will receive one social study credit upon successful completion of this course.**



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4th Period Cont.

Spanish I (Level D)

Prerequisite: none

Text: ABeka – *Spanish 1 Books A/B*, *Spanish 1 Vocabulary Manual* and *Spanish 1 Test Book*. Recommended: *Spanish 1 Pronunciation CD* (used with Vocabulary Manual) and *Spanish 1 Vocabulary CD*

Fee: none

Supplies required: basic school supplies

In Spanish 1 we will be covering basic pronunciation, LOTS of vocabulary, and conversational skills. As this class meets only once a week for 22 weeks, in order to really receive a credit, the student will have about 30 minutes of homework a day while not in class. Class time will be devoted to practicing pronunciation and conversation making completed homework essential. Our SEED teacher is excited to share her ability to speak Spanish with the class! Students will have weekly vocabulary memorization and written assignments outside of class. Weekly vocabulary quizzes will be administered in class. **Students will receive one foreign language credit upon successful completion of this course.**