

# Mighty Roots Academy

## Homeschool Program Class Offerings 2019-2020

The mission of Mighty Roots Academy is to provide active, multiage learning in a nature rich environment.

### Class Block 9:30-10:30

#### **Stories and Storytelling** Ages:5-8 years old

Students will read, tell, and create stories to explore early reading and literature skills through narrations, imaginative play, story creation, and character analysis.

*Included in this course: reading, early writing skills, social studies, science, art, music, and health*

#### **Exploring Literature, Creative Writing, and Grammar** Ages:8-13 years old

Students will read, discuss, and analyze at least one book that is cooperatively selected by the students and teacher after receiving input from the students taking the class. This will serve as a spring board for creative writing and provide teachable moments to focus on grammar.

*Included in the course: literature, reading, creative writing, and grammar*

#### **Ancient Civilizations** Ages:8-13 years old

This hands-on journey through ancient history will explore many early civilizations, including ancient Egypt, Greece, Babylon, and more. We will be utilizing the book "Creation to the Greeks" from My Father's World curriculum. This curriculum has many hands-on projects in addition to a timeline and a history notebook.

*Included in this course: history, geography, music appreciation, art, literature, writing, and group projects*

Note: The curriculum My Father's World is a Bible-based Christian curriculum. The class will not study the Bible nor emphasizing the religious undertones that may be present in the textbook. This course fits Mighty Roots Academy's cross-curricular design. It best fit our teaching style and educational values.

Additional Materials Required: Student Sheets for Creation to the Greeks \$20

#### **Advanced Spanish** Ages: 9-13 years old

Read and act out stories, sing songs and use Spanish in a variety of settings! This advanced Spanish class immerses students in play, reading, nature, acting and conversing.

*Included in this class: Spanish, acting, storytelling, art, and music*

Note: **Students must qualify for this class** by having a short conversation with the teacher to show that they can speak in basic complete sentences and possess sufficient vocabulary for this upper level class.

Additional Materials Required: \$15 for Subscriptions to Spanish resources and books

Mighty Roots Academy

Email: Tracy@mightyrootsacademy.com Phone: 816-873-2022

Mailing address: 12616 Blue Ridge Ext., Grandview, MO 64030

Program meets at: The Wedding Place 3600 Blue Ridge Blvd., Grandview, MO 64030

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### Class Block 10:30-11:30

#### **Exploring Music** Ages:5-13 years old

A variety of musical styles will be explored through singing and playing of simple instruments. This course is tailored to the students who enroll. The teaching will use the students' interests to make music and style selections. Students should expect to learn foundational elements of music, singing, playing instruments, and even dance with occasional performances.

*Included in this course: singing, playing instruments, musical exploration, dance, history, and small amounts of writing*

#### **Math Games** Ages:5-13 years old

We believe that students learn math more easily when they have a say in their own learning. Math, in all its forms - i.e. addition, subtraction, multiplication, division, fractions, geometry, algebra - is useful and fun when students are highly motivated (which often only happens outside of school). We will bring math off the page and to life through challenging games. Students will problem solve practically, through active learning and with friends of different ages and interests. Games fit the bill! As the nature of math games differs greatly depending on age and math proficiency, we will have many options available and these options will vary each class time.

*Included in the course: math, reading, art, and health (communication and conflict resolution skills)*

#### **Exploring Countries and Cultures** Ages: 7-13 years old

Take a trip around the world and explore diverse countries and cultures while learning geography and reading stories. Experience different cultures by preparing traditional food, making native crafts, and listening to ethnic music.

*Included in this course: geography, history, science, literature, art, and music*

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Additional Materials Required: Student Sheets for Exploring Countries and Cultures \$30

#### **Lunch and Discovery Play** Ages:5-13 years old

Students will first eat their lunch brought from home, complete a small school chore, then have the remainder of the class to play. On average, an American child today only spends around 12 minutes per day outside in nature. Let's increase that number! Unhindered imaginative play, while supervised (but not interrupted) by an adult, is the true work of childhood. Our students will get the opportunity to enjoy our beautiful outdoor acreage however they choose. Pickup sports games with friends, pretend adventures, exploring the grounds, or laying in the grass just enjoying the sunshine

*Included in this course: health and physical fitness*

Note: Students will go outside daily and should be dressed in weather appropriate clothing. Bring a daily change of clothes in case they are needed. Severe weather alerts will prevent outdoor play but rain, snow, and wind will not.

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### Class Block 11:30-12:30

#### **Play to Learn Spanish** Ages:5-8 years old

Join in the fun as students play games, take nature walks, sing, listen to stories, act and learn Spanish! This play based introduction to Spanish will offer opportunities for students to learn basic conversation, as well as focus on their own interests.

*Included in this course: Spanish, early reading skills, art, science, music, acting, and math*

Additional Materials Required: \$5 learning resources

#### **Art** Ages:8-13 years old

This course will explore a variety of art mediums - sculpture, mosaic, ceramics, mixed media and several painting techniques. Some art history will be included.

*Included in this course: art, history, health, science*

Additional Materials Required: \$10 materials fee per semester

#### **Seasonal Studies** Ages: 5-13 years old

Using the natural rhythms of the seasons, students become explorers, inventors, and scientists to investigate the world around them in relation to nature science, arts, math, writing and literature. Students will keep a nature journal to record their questions, discoveries, and findings.

*Included in this course: science, art, math, writing, and literature*

#### **Lunch and Discovery Play** Ages: 5-13 years old

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*Included in this course: health and physical fitness*

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### Class Block 12:30-1:30

#### **Me, My Family, & My Neighborhood** Ages: 5-8 years old

This fun class will focus on knowing important information about the local community around you. Students will memorize and learn to write their own address and important phone numbers, learn more about local emergency services, learn about what it takes to run a city well, and even where their food comes from.

*Included in this course: writing, reading, social studies, science, health and art*

#### **Animal Science** Ages: 5-13 years old

This nature-based course will explore the kingdoms of animal life. This class will cover the biology, habitat, and characteristics of insects, mammals, reptiles, birds, ocean life, and more! This science focused class will also include writing, reading, hiking, and animal-handling (yes, live animals whenever possible!).

*Included in the course: science, writing, reading, physical fitness, and health*

#### **Spanish** Ages: 9-13 years old

Using songs, games, stories, and acting organized around theme units and students' interests, students explore another language together. Students actively engage, move, and play with language and culture to develop basic Spanish skills. Let's explore together! ¡Vámanos!

*Included in the course: Spanish, writing, acting, reading, math, geography, music and culture*

Additional Materials Fee: \$15 for subscription to Spanish resources and books

#### **Lunch and Discovery Play** Ages: 5-13 years old

Students will first eat their lunch brought from home, complete a small school chore, then have the remainder of the class to play. On average, an American child today only spends around 12 minutes a day outside in nature. We want to increase that number! Unhindered imaginative play, while supervised (but not interrupted) by an adult, is the true work of childhood. Our students will get the opportunity to enjoy our beautiful outdoor acreage however they choose. Pickup sports games with friends, pretend adventures, exploring the grounds, or laying in the grass just enjoying the sunshine

*Included in this course: health and physical fitness*

Note: Students will go outside daily and should be dressed in weather appropriate clothing. Bring a daily change of clothes in case they are needed. Severe weather alerts will prevent outdoor play but rain, snow, and wind will not.

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### Class Block 1:30-2:30

#### **Sensory Science** Ages:5-8 years old

Discover the world around you and create experiments that stimulate your senses! Oftentimes this class will combine art and science with sensory exploration! Our young scientists will create a list of things that they wonder about. This will serve as a springboard for hands-on scientific discovery, experiments, and activities as students develop a curious mindset.

*Included in this course: science, art, math, reading, reading, and writing*

#### **Engineering** Ages: 7-13 years old

Get ready for hands on exploration! The course will start with several weeks of Lego structural engineering challenges. Based on student interests the teacher will select other areas of engineering to explore: Electrical, Aerospace, Mechanical, Chemical, Environmental, or Civil.

*Included in this course: Engineering, history, writing, grammar, math, and communication skills*

#### **Cultural Dance and Art** Ages:5-13 years old

This course will cover different styles of dance and art throughout history and from diverse cultures around the world. This is an active, physical class but will also touch on art, history, music, and social studies.

*Included in this course: physical fitness, art, history, music, social studies, and writing*

#### **Discovery Play without Lunch** Ages:5-13 years old

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*Included in this class: The possibilities are endless!*

Note: Students will go outside daily and should be dressed in weather appropriate clothing. Bring a daily change of clothes in case they are needed. Severe weather alerts will prevent outdoor play but rain, snow, and wind will not.

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### Additional Course Offerings:

#### **Musical Theater** -Thursdays Only- Ages:7-13 years old

This once a week after regular hours class will prepare and present a musical production. All students will audition for roles, and each student will receive a part. The script will be chosen once there is a rough student count. Once a selection is made, students will still have a time period to add or drop this course.

Additional Materials Required: \$125 for the semester

#### **Mini Theater** -Thursdays Only- Ages: 5-8 years old

This once a week after regular hours class with prepare and present a theater production. All students will audition for roles, and each student will receive a part. The script will be chosen once there is a rough student count. Once a selection is made students will still have a time period to add or drop this course. This is for young actors or those who are new to theater.

Additional Materials Required: \$125 for the semester

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