

Camp HSR! 2023-2024 Course Descriptions

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Specialized Programs

Eager Minds Plus (Tuesday/Thursday Full Day 9:00-3:00)

This program is for students ages 4-6 who are showing signs of reading readiness. Each week, students will receive instruction in reading, math, social studies, STEM, ASL, and Montessori-style life skills. Short homework assignments will be provided for additional at home practice. This 24-week program allows flexibility in your homeschool, while offering you the support you need.

Reading

Students will be placed according to their ability in Logic of English Foundations A or Foundations B. Foundations A covers all of the alphabet sounds, phonemic and phonological awareness, writing lowercase letters, and beginning reading (CVC words). Foundations B begins multi-letter phonograms, silent e, lazy vowel schwa, writing uppercase letters, and more intermediate reading skills. With Foundations, students develop mastery of core concepts through fun games and a wide variety of learning activities. Every game is designed to help students practice new concepts, develop mastery and have fun with literacy. Students will enjoy twice-a-week instruction with activities to be completed at home to practice their developing reading skills.

Math

Students will be placed according to their ability in Singapore Math Kindergarten Essentials A or B. Essentials A covers recognizing and writing numbers through 10, shapes, patterns, measurement, equal, more, and less. Essentials B covers recognizing and writing numbers through 100, addition, subtraction, time, even and odd, and beginning fractions. All topics are taught with hands on activities and follows the Concrete Pictorial Abstract Approach (CPA). Singapore Math is well known for developing number sense and flexibility in thinking about numbers.

STEM and Social Studies

Quarter 1

Our class will be reaching into the great unknowns. First, students will learn all about the oceans – their names and where they are, what lives there, and who eats whom. Next, we will jettison to space to learn about the planets and all of the amazing things in the sky.

Quarter 2

Fall is here, so our class is heading out into nature. Students will learn about land animals from the farm, to the forest, to the jungle, and beyond. We will discover where they live and what they eat. We'll also check out the amazing things growing in the community garden and learn all about pumpkins! Projects from this class will be displayed at our Student Showcase!

Quarter 3

Discovering our own planet and its history will be our main focus. Students will learn all about the continents this quarter, enjoy the cool weather, and study the incredible world of dinosaurs. Then, we'll dip our toes into some of our own amazing body systems.

Quarter 4

Wrapping up the year, our class will celebrate spring with a study of the garden. Students will learn about the plant life cycle from seed to seed and all about the weather that helps our plants grow. No garden is complete without creepy, crawly insects, so our mini-entomologists will also learn all about hardworking bugs.

American Sign Language

Research shows that sign language boosts literacy, enhances cognitive skills, lowers frustration, and increases communication in preschool and elementary students. But more importantly, our students love to sing, sign, read, and move in ASL class. Each week, students will sing songs, read books, and learn new signs based on the quarterly theme.

Quarter 1 –Animals

Quarter 2 –Feelings and Colors – There will be a performance in the Student Showcase for this class.

Quarter 3 –Manners and Moving

Quarter 4 –Daily Life

Life Skills

In this course, inspired by the Montessori approach, students will develop a comprehensive foundation in practical life skills. The hands-on activities and experiential learning foster independence and personal responsibility. A combination of dramatic play, sensory play, and real-life skills enhance creativity, imagination, and problem solving abilities. From pouring water to sweeping the floor, students will love being empowered to do it themselves.

Algebra I (Tuesday 9:55-11:35, Thursday 11:00-12:30)

This is a high-school-level math class taught by a professionally-licensed teacher. Successful completion of this course constitutes one full credit for your student's transcript. Students will attend 3 hours of class per week for 24 weeks. Homework will be assigned to complete the remaining coursework hours, approximately 2 hours per week.

Required textbook: Art of Problem Solving Introduction to Algebra (digital or physical)

A free Alcumus account is also required for each student. Your final grade will be calculated by the work submitted in Alcumus.

In this course, students will develop a solid foundation in basic algebra concepts including working with variables, solving equations, and graphing functions. They will learn to solve a variety of algebraic problems, think critically, and solve problems creatively. They will become familiar with the language of mathematics, including reading and writing mathematical expressions and proofs.

(This course must be paid in full at the start of the school year and is non-refundable past the third week of classes. Late enrollment in this course is not typically allowed but will be considered on a case-by-case basis.)

Tuesday School

Eager Minds Morning Session

STEM and Social Studies

Each week students aged 3-6 will enjoy crafts, books, and activities about our theme, as well as plenty of free play, snack time, and friendship building.

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Challengers A Morning Session

Money Ninjas (Quarter 1)

In this introduction to economics, students will become familiar with the concepts of wants vs. needs, supply and demand, and budgeting. With hands-on activities, we will explore how our money system works.

Community Garden (Quarter 2)

In the Community Garden, students will learn about the importance of harvest, soil health, and the unique growing climate of SWFL. By exploring the local ecosystem and understanding the specific needs of plants in our region, we empower children to become environmentally conscious individuals who can contribute positively to their communities and make a lasting impact on the health of our soil and environment.

Champion Training (Quarter 3)

In this PE course, students will be encouraged to work together as a team and compete with good sportsmanship. Through a variety of relays, races, playground games, and more, we will learn new physical skills while having a great time.

Smooth Talkers (Quarter 4)

Students will develop a number of speech-making skills this quarter, including performing an audience analysis, outlining their speech, and, of course, delivery. This class is a great way for kids to learn to communicate effectively and build confidence, whether they are shy or outgoing.

Prehistory (Quarter 1, Quarter 3)

This course will be taught in terms of millions of years with an emphasis on information that experts in the field agree upon.

Quarter 1: Dino-mite Prehistory

Get ready for a roaring adventure as we embark on a journey back in time to explore the captivating world of these incredible creatures that once ruled the Earth. Through engaging activities and hands-on experiences, we will discover fascinating facts about various dinosaur species, their habitats, and their unique adaptations. Unearthing ancient fossils will be a highlight of our exploration, as we examine the tangible evidence left behind by these majestic giants.

Quarter 3: Early Humans

Students will delve into the fascinating world of early humans and the remarkable artifacts they left behind. We will investigate the hypotheses of human migration, as we unravel the epic tales of our ancestors' journeys across continents.

Melody Makers (Quarter 2, Quarter 4)

No talent or training needed for this chorus class. Students will enjoy learning to sing together while doing activities related to the songs they're learning.

Quarter 2

In this quarter, students will learn "The World is a Rainbow" and "Beautiful Day". Students enrolled this quarter will perform in the Student Showcase!

Quarter 4

In this quarter, students will learn "And the Green Grass Grows All Around" and "Yellow Submarine".

Incredible Improv (Quarter 1)

Learn to think on your feet and create spontaneous scenes! This fun and engaging class will help kids develop their creativity and imagination. We'll use games and exercises to learn about mime, props, emotions, accents, and characters. In week 6, kids will perform a 2-3 minute solo skit of their own making!

Robotics (Quarter 2)

In this class, students will use Micro:bit to create remote control robots that can race against each other. We will learn to code the robots to move and turn using block programming.

Spanish (Quarter 3)

¡Delicioso! This quarter in Spanish, we'll sing songs, play games, read stories, and learn new words about our favorite foods.

Brain Buster STEM Challenge (Quarter 4)

Are you ready for a challenge? Put your problem-solving skills to the test. In this class, you'll work on real-world projects that will challenge you to think creatively and use your STEM skills.

Challengers A Afternoon Session

Zoology (Quarter 1-4)

Quarter 1: The World of Birds

Learn about the amazing world of birds in this fun and informative class. We will explore the different aspects of bird biology from their defining features to their unique adaptations through hands-on activities. We will learn about the different types of beaks, songs, feathers, nests, and eggs. We will also discuss how birds use these features to survive in the wild.

Quarter 2: Flying Creatures

Take flight into the world of flying creatures! In this class, we will explore the amazing biology of extinct birds, flying reptiles, bats, insects, and social insects. We will learn about their unique adaptations, life cycles, and how they use their appearance to protect themselves.

Quarter 3: Ocean Animals

Dive into the ocean on an adventure to discover some of the most amazing creatures swimming in the deep. We'll compare the unique adaptations and biology of different animals throughout the course from mammals like dolphins and whales to reptiles like sea turtles.

Quarter 4: Ocean Creatures

We'll go even deeper into the underwater world this quarter with a focus on unique creatures like sea stars and jelly fish. Students will explore some of the world's most amazing invertebrates that live under the sea.

The Reading Room (Quarter 1-4)

This class is a great way for kids to learn about the building blocks of reading and to gain fluency. Students will be grouped according to their needs, such as multi-letter phonogram combinations, blending and segmenting, comprehension, and more. We'll play games to make reading fun and improve skills. This class will be based on the Science of Reading and will focus on phonics. It will be a great supplement to any reading curriculum or practice you are doing at home.

Art (Quarter 1-4)

Quarter 1: Celebrating Me through Art

This fun and creative class is designed to help kids express themselves through art. We'll explore a variety of mediums and techniques. Most importantly, we'll have fun and celebrate who we are as individuals.

Quarter 2: Famous Artists

In this class, we'll explore the different styles and techniques of famous artists and create our own work inspired by them. We'll have fun learning about the history while expressing our own creativity. Art from this class will be displayed at our Student Showcase!

Quarter 3: The Art of Fun and Games

This quarter in art, we're focused on having all the fun. We'll get messy and silly as we express ourselves in new and exciting ways.

Quarter 4: Elements of Art

Our final quarter will focus on the elements of art. We'll explore the foundations of art through line, shape, color, texture, and space. Each student will create masterpieces using different mediums.

Challengers B Morning Session

Smooth Talkers (Quarter 1)

Students will develop a number of speech-making skills this quarter, including performing an audience analysis, outlining their speech, and, of course, delivery. This class is a great way for kids to learn to communicate effectively and build confidence, whether they are shy or outgoing.

Money Ninjas (Quarter 2)

In this introduction to economics, students will become familiar with the concepts of wants vs. needs, supply and demand, and budgeting. With hands-on activities, we will explore how our money system works.

Community Garden (Quarter 3)

Through this class, children will learn how to sow spring seeds and cultivate their own vibrant garden in the unique climate of southwest Florida. We will focus on the beauty and importance of wildflowers, teaching children about their ecological significance and how to care for them sustainably. By exploring the wonders of gardening together, we aim to inspire a love for nature and empower young minds to become active stewards of the environment in their local community.

Champion Training (Quarter 4)

In this PE course, students will be encouraged to work together as a team and compete with good sportsmanship. Through a variety of relays, races, playground games, and more, we will learn new physical skills while having a great time.

Melody Makers (Quarter 1, Quarter 2)

No talent or training needed for this chorus class. Students will enjoy learning to sing together while doing activities related to the songs they're learning.

Quarter 1

In this quarter, students will learn "Somewhere Over the Rainbow" and "True Colors".

Quarter 3

In this quarter, students will learn "When I Grow Up" (Matilda) and "My Own Superhero".

Prehistory (Quarter 2, Quarter 4)

This course will be taught in terms of millions of years with an emphasis on information that experts in the field agree upon.

Quarter 2: Dino-mite Prehistory

We will delve into the realm of dinosaurs, discovering their incredible stories and uncovering fossil evidence that brings their ancient world to life. Students will also investigate the mind-boggling mystery of their extinction events, exploring various theories and discussing how it shaped the Earth's ecosystems. We will travel across shifting continents, unraveling the fascinating connection between landmass movements and the distribution of dinosaur fossils. Along the way, we will piece together a captivating timeline, allowing us to visualize the mesmerizing epochs and eras that dinosaurs inhabited. Get ready, embrace the thrill of discovery, and unleash our inner paleontologists!

Quarter 4: Early Humans

We'll uncover the secrets of our ancient ancestors and discover how they developed fascinating cultures and created ingenious tools for survival. Get ready to travel back in time as we explore the captivating story of human migration.

From the Americas to other corners of the world, we'll trace the footsteps of early humans and unravel the mysteries of their global migration. Get your detective hats on as we examine real artifacts and explore exciting theories that will unlock the secrets of our past.

Brain Buster STEM Challenge (Quarter 1)

Are you ready for a challenge? Put your problem-solving skills to the test. In this class, you'll work on real-world projects that will challenge you to think creatively and use your STEM skills.

Show Stoppers Drama (Quarter 2)

This quarter, students will work on short skits developing their acting skills in small groups. They'll play improv games to work on emoting, accents, developing characters, and more. Each small group will rehearse and perform their skit at our Student Showcase!

Robotics (Quarter 3)

In this class, students will use Micro:bit to create remote control robots that can race against each other. We will learn to code the robots to move and turn using block programming.

Spanish (Quarter 4)

¡Delicioso! This quarter in Spanish we'll sing songs, play games, read stories, and learn new words about our favorite foods.

Challengers B Afternoon Session

Biology (Quarter 1-4)

Quarter 1: Cells

Discover the teeny tiny world of cells. Students will work with their lab groups to observe amazing things with microscopes. We'll observe the differences between plant and animal cells and watch the amazing process of cell division.

Quarter 2: Genes

How does DNA make us who we are? In this course, students will learn about the basics of how genes are passed down from one generation to the next.

Quarter 3: Marine Biology

This quarter is all about the deep blue sea. Students will learn about animal and plant adaptations in the ocean and other interesting marine concepts in this hands-on, experiment-based class.

Quarter 4: Plants

How does your garden grow? In this course, students will experiment to learn how and why plants grow, and dig deep into the life cycle of plants.

Art (Quarter 1-4)

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Word Wizards (Quarter 1-4)

Quarter 1: Figurative Language

In this class, we'll explore how figurative language can be used to create vivid imagery, add emphasis, and create emotional impact. We'll learn the meanings of idioms and act them out. Through interactive lessons, we'll become masters of the written word.

Quarter 2: Parts of Speech

Through games and activities, we'll explore the different parts of speech, such as nouns, verbs, adjectives, adverbs, pronouns, conjunctions, and prepositions. We'll learn about their definitions, functions, and how to use them correctly.

Quarter 3: Editing

The grammar police are here to train a new generation of (polite) grammar cadets. Students will work together to find errors and correct them in this hands-on, interactive course.

Quarter 4: Poetry

Let's put it all together now and create beautiful and meaningful (or maybe just funny) poetry. We'll have fun writing our own poems, and we'll also get to share our poems with each other. We'll explore different types of poetry, such as haiku, sonnets, and free verse. We'll also learn how to use different poetic devices, such as similes, metaphors, and personification.

Pathfinders A Morning Session

Champion Training (Quarter 1)

In this PE course, students will be encouraged to work together as a team and compete with good sportsmanship. Through a variety of relays, races, playground games, and more, we will learn new physical skills while having a great time.

Presenting with Confidence (Quarter 2)

This course will expand on skills like projection, gestures, and audience engagement, while also teaching the basics of PowerPoint. Putting those new skills to use, students will prepare group presentations, learning to present a cohesive speech with a group. These presentations will be performed at our Student Showcase!

The Money Circle (Quarter 3)

From studying supply and demand in our community to creating their own money system, students in this course will learn about a variety of economic concepts. As part of this course, students will also learn to create a simple budgeting spreadsheet in Excel.

Community Garden (Quarter 4)

In an effort to foster a sense of community, we will focus on the importance of food growing in SWFL, providing knowledge and skills for maintaining a garden and ensuring soil health. Students will learn the unique challenges and benefits of growing food in our climate, and about the diverse fruits, vegetables, and herbs that thrive in our region. Students will learn practical skills to ensure their gardens thrive while highlighting the significance of micro-organisms, compost, and organic fertilizers in a thriving garden ecosystem.

Word Weavers (Quarter 1-4)

Quarter 1: Figurative Language

This class will explore the different ways that authors use figurative language to create vivid imagery, add emphasis, and create emotional impact in their writing. Students will learn about different types of figurative language, such as similes, metaphors, personification, hyperbole, and onomatopoeia. They will also learn how to identify figurative language in their own reading and use it effectively in their own writing.

Quarter 2: Writing Challenge

This class will challenge students to stretch their writing muscles and try new things. Students will be given a variety of writing prompts and exercises to work on individually and in groups. Students in the course will also be invited to participate in NaNoWriMo.

Quarter 3: Poetry

This class will explore the different elements of poetry, such as rhythm, rhyme, imagery, and figurative language. Students will learn about different types of poetry, such as free verse, sonnets, and haiku. They will also have the opportunity to write their own poems and to receive feedback on their work.

Quarter 4: Comic Book Writing

This class will teach students the basics of comic book writing, from creating characters and plots to writing dialogue and drawing panels. Students will learn about different types of comic books, such as superhero comics, graphic novels, and manga. Students will create their own comic books.

Spanish (Quarter 1)

¡Hola! In this course, students will practice conversational Spanish in groups separated by skill. Conversations will include introductions, talking about our families, and things we like to do. More advanced students will be challenged with appropriate vocabulary and sentence structure.

Brain Buster STEM Challenge (Quarter 2)

Are you ready for a challenge? Put your problem-solving skills to the test. In this class, you'll work on real-world projects that will challenge you to think creatively and use your STEM skills.

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Robotics (Quarter 4)

In this class, students will use Micro:bit to create remote control robots that can race against each other. We will learn to code the robots to move and turn using block programming.

Pathfinders A Afternoon Session

Prehistory (Quarters 1-4)

This course will be taught in terms of millions of years with an emphasis on information that experts in the field agree upon. Evolution will not be a topic of these courses, but adaptation will be discussed as it relates.

Quarter 1: Ancient Astronomy

This class will take a deep dive into the fascinating discoveries of ancient cultures' understanding of Astronomy. Structures like Stonehenge, pyramids, and the pre-Columbian mounds of North America have been found to align with the North Star, sunrises and sunsets, and more. Students will take the lead in investigating the archaeological evidence and the hypotheses of the leading experts in the field.

Quarter 2: Early Humans

This quarter, we'll continue to travel further back in ancient civilizations to the time of human migrations. Tracing the footsteps of the early humans as they spread across the globe – but which way did they go? We'll examine the leading hypotheses and the scientific discoveries that have changed history. We'll also try our hand at creating the types of tools archaeologists have discovered. Projects from this class will be shared at our Student Showcase!

Quarter 3: Dinosaurs and the Age of Mammals

Another step back in time, we'll explore the Cenozoic Era, when mammals first appear in the fossil records. We'll also study the rise and fall of dinosaurs and how it relates to the changing landmasses and various catastrophic occurrences that shaped life on earth. As an introduction to eons and eras, students will navigate geological timelines.

Quarter 4:

Our final step back in time, we'll visit the Paleozoic era and study life in the ancient seas, and the Precambrian era, with the first tiny life forms observed in the fossil record, as well as the first plants. Fossil evidence will be examined to reveal the clues it provides about prehistoric life, while hypotheses about the origins and development of life will encourage critical thinking and scientific inquiry.

Art (Quarter 1-4)

Quarter 1: Jewelry Making

Through hands-on activities, students will be exploring cultural bead and jewelry crafting from around the world. They will learn ways to make their own jewelry inspired by these traditional arts.

Quarter 2: Creating with Paper

With a variety of projects, students will study the art of creating with paper. They will begin studying paper making techniques and learn how to turn 2D paper into 3D forms using traditional and modern arts. Art from this class will be displayed at our Student Showcase!

Quarter 3: Drafting Techniques

In this course, students will be studying basic drafting techniques and the many uses for them. They will study history of design and architecture and build a scale model.

Quarter 4: Illusion Art

Do you see what you think you see? This quarter, students will explore illusion art throughout various mediums. They will learn about artists who changed history with illusions and create their own art inspired by them.

Biology (Quarter 1-4)

Quarter 1: Cells

Discover the teeny tiny world of cells. Students will work with their lab groups to observe amazing things with microscopes. We'll observe the differences between plant and animal cells and watch the amazing process of cell division.

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The Money Circle (Quarter 4)

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Yearbook & Newspaper (Quarter 1-4)

In this course, students will work together to create publications that reflect who Tuesday School students are and what they have accomplished throughout the school year. Additionally, they will collaborate and work cooperatively within time constraints, learn the basic rules for taking memorable photographs, and develop feature articles for their publications.

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Quarter 2: Early Humans

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Art (Quarter 1-4)

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Power Hour Thursday

Challengers

Math (Quarters 1-4)

Semester 1: Place Value (Quarters 1-2)

In this math class, students will explore place value in depth. Using place value to facilitate comparing numbers, understanding money, and beginning fractions. Mastery of this concept will solidify skip-counting, addition and subtraction skills, and more.

Semester 2: Measurements (Quarters 3-4)

This class will introduce students to the basic concepts of measurement, including time, length, volume, and graphing. Students will learn about different units of measurement, how to measure objects, and how to create graphs. Hands-on activities will solidify these concepts.

Language Arts (Quarters 1-4)

Semester 1: Award Winners (Quarters 1-2)

This class will consist of two parts: literature and writing. Students will enjoy read-alouds of award winning children's literature, followed by discussion and literary analysis. We will use graphic organizers, projects, and more to encourage students to think about what they are reading. We will focus on learning new vocabulary, the parts of a story, and reading comprehension. For the writing portion of the class, students will be given prompts and encouraged to plan their story with a beginning, middle, and end.

Semester 2: Fairytales (Quarters 3-4)

For this course, students will compare multiple retellings of a fairytale. We will use graphic organizers and projects to illuminate why an author might choose to change a story. Students will be encouraged to write their own version of the fairytales, creating a book of tales for the semester. We will work on writing strong, descriptive sentences to bring our characters and stories to life.

Pathfinders

Math (Quarters 1-4)

Semester 1: Fractions and Decimals (Quarters 1-2)

In this class, students will learn about fractions and decimals and the function of each in representing parts of a whole. They will learn how to convert between fractions and decimals, how to add, subtract, multiply, and divide fractions and decimals, and how to use fractions and decimals in real-world problems. This course will incorporate games and puzzles to increase understanding of the concepts.

Semester 2: Probability and Statistics (Quarters 3-4)

In this course, students will learn how probability and statistics can be used to make predictions. They will learn to calculate probability and analyze data. Games and hands-on activities will be included to solidify the concepts.

Language Arts (Quarters 1-4)

Semester 1: King Arthur (Quarters 1-2)

Throughout this course, we will study the legend of King Arthur and his Knights of the Round Table. We will use graphic organizers and other projects to enhance understanding. Students will write tales of epic adventure as well as character analysis essays. Students will also be instructed in editing, proper formatting, and how to use Word.

Semester 2: World Mythology (Quarters 3-4)

This course will focus on myths and legends around the world. Students will compare and contrast stories from different cultures with graphic organizers and other projects. We will write our own myths, incorporating the themes and elements common in world mythology, as well as comparative essays. Students will also be instructed in editing, proper formatting, and how to use Word.