

Hazlet Township Public Schools



Summer Enrichment Programs 2019



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Grade level represents a student's current grade during the 2018-2019 school year.

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HAZLET TOWNSHIP PUBLIC SCHOOLS



Office of the Superintendent of Schools

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Dear Parents and Guardians:

The Hazlet Township Public School District is pleased to be able to offer an extensive selection of Enrichment and Developmental programs to our students this summer at NO CHARGE to Hazlet residents.

We encourage you to review the catalog for the valuable opportunities available to your children. These opportunities will be offered Monday through Thursday from 9:00-10:30 or 10:30-12:00 beginning Monday, July 8, 2019.

All programs will be taught by certified teachers and held at Raritan High School. Room assignments and confirmation of programs will be emailed by Monday, June 17, 2019.

We will try to accommodate your requests beginning with your top priority; however, to be fair to all interested students you may not get all requested classes. Registration will be from May 15, 2019 through May 31, 2019. May 31st is a strict deadline so that we can fully prepare for the summer program. **Late registrations will not be accepted.**

For additional information, please visit our website at www.hazlet.org and go to "2019 Summer Enrichment Offerings" under the Curriculum section. You may also contact us at (732)264-8401 ext. 1105, or email us at tbarr@hazlet.org.

Sincerely,

A handwritten signature in blue ink that reads "Scott Ridley".

Scott Ridley, Ed.D.
Superintendent of Schools

KINDERGARTEN

2019 Summer Enrichment Offerings

Kindergarten ~ Reading Summer Fun ~ Join us as we practice rhyming, alliteration, phonics, and reading in a relaxing, nurturing environment. Literacy activities will be differentiated based on the individual needs of each participant. Students will work on sight word recognition and consonant-vowel-consonant blending with fun strategies and games!

WEEK 1: Four 1 ½ hour classes (9:00 am – 10:30 am) Monday, July 8 - Thursday, July 11, 2019

Kindergarten ~ Math Games~ It's all fun and games when it comes to math! Students will engage in interactive games, centers and a variety of activities that will help to keep math fresh in their minds. Students will be challenged during the interactive rotations, including board games, computer games, partner games and small group. Being a math wizard will never be this much fun!

WEEK 1: Four 1 ½ hour classes (9:00 am – 10:30 am) Monday, July 8 - Thursday, July 11, 2019

Kindergarten ~ Art Exploration – Fun with Paint ~ Students in this course will engage in a variety of summer themed art projects that involve painting with different tools and textures. Art projects such as these encourage creativity and self-expression in young children. They also help develop physical skills such as dexterity, fine motor skills, and hand-eye coordination. Each day students will create different summer themed art projects including: - fizzy fireworks paint and paper tube fireworks painting - outdoor painting - painting with ice, water gun painting, and painting with bubbles - pool noodle painting and fluffy ice cream paint - rock and seashell painting - students will decorate rocks and shells to hide around town as part of the #HazletRocks initiative.

WEEK 1: Four 1 ½ hour classes (9:00 am – 10:30 am) Monday, July 8 - Thursday, July 11, 2019

Kindergarten ~ Letterland Phonics ~ Join us as we engage in phonics with our friendly Letterland characters. Students will practice the many skills necessary to improve reading fluency. Center activities will include sight words, blending, rhyming, letters and sounds.

WEEK 1: Four 1 ½ hour classes (10:30 am – 12:00 pm) Monday, July 8 - Thursday, July 11, 2019

Kindergarten ~ Getting Ready for 1st Grade Math ~ In preparation for the busy year ahead of them, future first graders will participate in a variety of fun, hands-on activities to strengthen and improve academic and social skills in Mathematics. Kindergarteners will have a blast reviewing number sense through math games and activities. Students will review NJ Student Learning Standards; such as number sense, ten frames, addition and subtraction, comparing numbers and data and graphing.

WEEK 2: Four 1 ½ hour classes (9:00 am – 10:30 am) Monday, July 15 - Thursday, July 18, 2019

Kindergarten ~ Welcome to Letterland ~ Future first graders will be all set for 1st grade with this fun-filled, center based phonics and sight word class. Students will review consonants and vowels, rhyming words and get a head start on 1st grade sight words. We will enjoy favorite read alouds and have a blast doing hands-on activities to get ready for the school year.

WEEK 2: Four 1 ½ hour classes (10:30 am – 12:00 pm) Monday, July 15 - Thursday, July 18, 2019

Kindergarten ~ Super Star Readers ~ Become a super star reader! Enjoy a morning filled with games, centers and activities to enlighten your mind, bring out your creativity and enhance reading skills. Students will be immersed in fabulously fun fiction and advance early literacy skills.

WEEK 3: Four 1 ½ hour classes (9:00 am – 10:30 am) Monday, July 22 - Thursday, July 25, 2019

Kindergarten ~ Mad Science~ Get down into the scientific nitty gritty! Create and monitor experiments...make predictions...and just have fun getting your hands dirty with our exciting experiments! This course is sure to please...keep you guessing and making you want more science!

WEEK 3: Four 1 ½ hour classes (10:30 am – 12:00 pm) Monday, July 22 - Thursday, July 25, 2019

GRADES 1 & 2

2019 Summer Enrichment Offerings

1st & 2nd Grade ~ Shine Like a Star ~ Have fun being an actor or actress while improving your reading fluency through Readers' Theater. Students will create puppets/props while acting out their stories for the audience. It's their time to shine!

WEEK 1: Four 1 ½ hour classes (9:00 am – 10:30 am) Monday, July 8 - Thursday, July 11, 2019

1st & 2nd Grade ~ Art Exploration – Fun with Paint ~ Students in this course will engage in a variety of summer themed art projects that involve painting with different tools and textures. Art projects such as these encourage creativity and self-expression in young children. They also help develop physical skills such as dexterity, fine motor skills, and hand-eye coordination. Each day students will create different summer themed art projects including: - fizzy fireworks paint and paper tube fireworks painting - outdoor painting - painting with ice, water gun painting, and painting with bubbles - pool noodle painting and fluffy ice cream paint - rock and seashell painting - students will decorate rocks and shells to hide around town as part of the #HazletRocks initiative.

WEEK 1: Four 1 ½ hour classes (9:00 am – 10:30 am) Monday, July 8 - Thursday, July 11, 2019

1st & 2nd Grade ~ Math Can Be Fun ~ Students will listen to a variety of children's stories to demonstrate math ideas. Students will explore mathematical ideas through the use of tangram puzzles, multiplication as repeated addition, logic, and symmetry.

WEEK 1: Four 1 ½ hour classes (9:00 am – 10:30 am) Monday, July 8 - Thursday, July 11, 2019

1st & 2nd Grade ~ Summer S.T.E.M Fun ~ Summer S.T.E.M. Fun Students will love testing their engineering skills through the use of S.T.E.M. We will start by learning the 5 steps of S.T.E.M.; ask, imagine, plan, create and improve. We will then explore a hands-on activity to tackle a new problem each day. Students will also enjoy how science can be integrated into literature to solve real world problems.

WEEK 1: Four 1 ½ hour classes (10:30 am – 12:00 pm) Monday, July 8 - Thursday, July 11, 2019

1st & 2nd Grade ~ Math Games ~ It's all fun and games when it comes to math! Students will engage in interactive games, centers and a variety of activities that will help to keep math fresh in their minds. Students will be challenged during the interactive rotations with board games, computer games, partner games, and small group. Being a math wizard will never be this much fun!

WEEK 1: Four 1 ½ hour classes (10:30 am – 12:00 pm) Monday, July 8 - Thursday, July 11, 2019

2nd Grade ONLY ~ Minecraft Mania ~ Students in this course will "unplug" and explore the world of Minecraft in new ways. Students will participate in the following activities - - "All About Me" Minecraft Style: Students will create a pixel art self-portrait and a Minecraft themed profile to share with the group and learn about one another. Minecraft themed S.T.E.M. challenges: Create a Creeper, Build a Block Tower, Build an Animal Pen, Minecraft Block Creation Challenge, and Catch a Creeper Challenge - Creative Writing: Students will create a scene from Minecraft using printable background and figures and write a story to go along with it.

WEEK 1: Four 1 ½ hour classes (10:30 am – 12:00 pm) Monday, July 8 - Thursday, July 11, 2019

1st & 2nd Grade ~ Mad Science ~ Get down into the scientific nitty gritty! Create and monitor experiments...make predictions...and just have fun getting your hands dirty with our exciting experiments! This course is sure to please...keep you guessing and making you want more science!

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1st & 2nd Grade ~ Super Star Readers ~ Become a super star reader! Enjoy a morning filled with games, centers and activities to enlighten your mind, bring out your creativity and enhance reading skills. Students will be immersed in fabulously fun fiction and advance early literacy skills.

WEEK 2: Four 1 ½ hour classes (10:30 am – 12:00 pm) Monday, July 15 - Thursday, July 18, 2019

GRADES 1 & 2

2019 Summer Enrichment Offerings (continued)

1st & 2nd Grade ~ Under the Sea ~ Explore the magical world that lies under the sea. Students will learn all about the amazing creatures and life that exists under the big blue sea. We will enjoy learning through read alouds, online videos, hands-on activities, and crafts. Let's take the plunge and dive in together!

WEEK 2: Four 1 ½ hour classes (10:30 am – 12:00 pm) Monday, July 15 - Thursday, July 18, 2019

1st & 2nd Grade ~ Fun with Friends ~ Students will engage in games and fun activities to build social skills. Students will work on taking turns, reciprocal conversation, helping others, learning to compromise, and many other skills that build a foundation for friendships and important life skills. Positive modeling and role playing will be put into action to equip these children with the tools to be social butterflies.

WEEK 3: Four 1 ½ hour classes (9:00 am – 10:30 am) Monday, July 22 - Thursday, July 25, 2019

1st & 2nd Grade ~ Yoga and Mindfulness ~ In the Yoga and Mindfulness Skills course, students will learn fundamental physical movements (asana) and breath work (pranayama) used in yogic practices to maintain an overall healthy and balanced mental and physical lifestyle. The Yoga and Mindfulness Skills course will involve a physical understanding and practice of traditional yoga poses where students will come away with movements that can help them relieve stress and tension. In addition to a physical practice, students will practice breath work designed to energize, release tension, stimulate clear thinking, and respond to situations mindfully. Students will learn techniques that they can do in school or at home to help them develop, learn, and live a healthy lifestyle!

WEEK 3: Four 1 ½ hour classes (10:30 am – 12:00 pm) Monday, July 22 - Thursday, July 25, 2019

1st & 2nd Grade ~ Mighty Math ~ Students will explore real world math related stories and have fun exploring various mathematical concepts such as numeration, graphing, measurement, money, and geometry. They will play games to demonstrate real world problems.

WEEK 4: Four 1 ½ hour classes (9:00 am – 10:30 am) Monday, July 29 - Thursday, August 1, 2019

1st & 2nd Grade ~ Fairy Tale S.T.E.M ~ Students will incorporate Science, Technology, Engineering, & Math while listening to traditional Fairy Tales.

WEEK 4: Four 1 ½ hour classes (10:30 am – 12:00 pm) Monday, July 29 - Thursday, August 1, 2019

GRADES 3 & 4

2019 Summer Enrichment Offerings

3rd & 4th Grade ~ Book Characters Join Social Media ~ What if Dog Man had an Instagram? What if Greg from the Diary of a Wimpy Kid had a Twitter? Imagine if Judy Moody had Facebook? What would they say? Bring your favorite characters to life using the latest technology tools to create profiles, tweets, and instagram posts. We will use tech tools like: Google Slides, Padlet (digital bulletin boards), Fodey (newspaper creator), ClipChamp Video Creator, Powtoon, Voki (talking character creator), and more! We can't wait to TWEET, FOLLOW, and LIKE your posts this summer!

WEEK 1: Four 1 ½ hour classes (9:00 am – 10:30 am) Monday, July 8 - Thursday, July 11, 2019

3rd & 4th Grade ~ Minecraft Mania ~ Students in this course will "unplug" and explore the world of Minecraft in new ways. Students will participate in the following activities - - "All About Me" Minecraft Style: Students will create a pixel art self-portrait and a Minecraft themed profile to share with the group and learn about one another. Minecraft themed S.T.E.M. challenges: Create a Creeper, Build a Block Tower, Build an Animal Pen, Minecraft Block Creation Challenge, and Catch a Creeper Challenge - Creative Writing: Students will create a scene from Minecraft using printable background and figures and write a story to go along with it.

WEEK 1: Four 1 ½ hour classes (10:30 am – 12:00 pm) Monday, July 8 - Thursday, July 11, 2019

GRADES 3 & 4

2019 Summer Enrichment Offerings (Continued)

3rd & 4th Grade ~ Engineer It! ~ Calling all engineers! Do you have a creative mind and love building? Do you enjoy hands-on S.T.E.M. challenges? Then this class is for you! Join us in tackling challenges such as: testing bridges, building Rube Goldberg machines, designing rain shelters, and more!

WEEK 1: Four 1 ½ hour classes (10:30 am – 12:00 pm) Monday, July 8 - Thursday, July 11, 2019

3rd & 4th Grade ~ Fun with Junie B. Jones ~ Students will improve reading skills such as comprehension, sequencing of events, cause and effect, author's purpose. Students will discover that reading can be so much fun through the hysterical adventures of Junie B. Jones. Get ready to laugh at all of her silliness!

WEEK 1: Four 1 ½ hour classes (10:30 am – 12:00 pm) Monday, July 8 - Thursday, July 11, 2019

3rd & 4th Grade ~ In Search of Researchers ~ Students will follow the lead of "Genius Hour" by researching a topic of their choice. Students will collect information, create a google slide show, and present all the exciting information they have learned!

WEEK 1: Four 1 ½ hour classes (10:30 am – 12:00 pm) Monday, July 8 - Thursday, July 11, 2019

4th Grade Only ~ Beginner/Intermediate Band ~ Beginner and intermediate students in 4th through 7th grade will receive full ensemble instruction as well as individualized teaching on their musical instrument. The students will have three 30 minute sessions focusing on personal playing, music theory, and group rehearsal. Skills will be reinforced that were developed the previous school year, and preparation for the upcoming year will begin.

WEEKS 1 AND 2: Seven 1 ½ hour classes (10:30 am – 12:00 pm)

Monday, July 8 - Wednesday, July 10, 2019 (no class 7/11) and Monday, July 15 - Thursday, July 18, 2019

Performance at 12:00 pm on Thursday, July 18, 2019 (RHS Band Room)

3rd & 4th Grade ~ Camp Invention ~ Invent the future today at Camp Invention! Use your problem solving, innovation, and creativity to become the next biggest inventor! Join us this summer to create a commercial to bring your invention to life using FlipGrid and Powtoon!

WEEK 2: Four 1 ½ hour classes (9:00 am – 10:30 am) Monday, July 15 - Thursday, July 18, 2019

3rd & 4th Grade ~ For Real? ~ Students will read about science and nature as well as real people, places and events. Nonfiction books present information in engaging and interesting ways. Students will learn to navigate all parts of a nonfiction book from the table of contents to the diagrams, captions, glossary and index.

WEEK 2: Four 1 ½ hour classes (9:00 am – 10:30 am) Monday, July 15 - Thursday, July 18, 2019

3rd & 4th Grade ~ Survey Says! ~ Have you ever watched Family Feud? Join us to survey your friends and collect their votes to the question of your choice, such as: Their favorite sport teams, ice cream flavors, video games, and more! You will have the opportunity to collect and present your findings using the Chromebooks to create graphs, data tables, slideshows, and test your knowledge using Kahoot, and more! Be the newest contestant on Family Feud!

WEEK 2: Four 1 ½ hour classes (10:30 am – 12:00 pm) Monday, July 15 - Thursday, July 18, 2019

3rd & 4th Grade ~ It's No Problem ~ Students will use a problem based learning model to help solve a real world problem. Solving highly complex problems requires that students have both fundamental skills (reading, writing and math) and 21st century skills (teamwork, problem solving, research gathering, time management, and information synthesizing). With this combination of skills, students become directors and managers of their learning process.

WEEK 2: Four 1 ½ hour classes (10:30 am – 12:00 pm) Monday, July 15 - Thursday, July 18, 2019

3rd & 4th Grade ~ We're Going to DISNEY WORLD! ~ Grab your ears, pack your bags, and get ready to plan a trip to the most magical place on Earth. Use your math knowledge of addition, subtraction, multiplication, and division to plan, budget, and calculate a trip to Disney World. You will have the opportunity to use your imagination in choosing a hotel, picking a meal plan, shopping for souvenirs, and buying park tickets. "See ya real soon!"

WEEK 3: Four 1 ½ hour classes (9:00 am – 10:30 am) Monday, July 22 - Thursday, July 25, 2019

GRADES 3 & 4

2019 Summer Enrichment Offerings (Continued)

3rd & 4th Grade ~ Under the Sea ~ Students will become ocean explorers and learn about the mysteries of the ocean. We will research different ocean animals through books. We will create amazing ocean crafts.

WEEK 3: Four 1 ½ hour classes (9:00 am – 10:30 am) Monday, July 22 - Thursday, July 25, 2019

3rd & 4th Grade ~ Chasing Dreams ~ Do you want to be a teacher when you grow up? Do you hope to become a famous Youtuber in the future? Do you wish to become a famous athlete some day? Come make your dreams come true this summer! Using the chromebooks, we will research our future jobs to create a presentation on your chosen occupation. You will even be able to DRESS UP as your dream job and take part in a "Have A Dream" job exhibit! This is the summer of dreams!

WEEK 3: Four 1 ½ hour classes (10:30 am – 12:00 pm) Monday, July 22 - Thursday, July 25, 2019

3rd & 4th Grade ~ Fun With Flat Stanley ~ Students will have fun by having adventures with Flat Stanley. Those adventures will include activities in measurement, creative writing, geography, and comprehension.

WEEK 3: Four 1 ½ hour classes (10:30 am – 12:00 pm) Monday, July 22 - Thursday, July 25, 2019

3rd & 4th Grade ~ Summer Theatre ~ Summer stock theatre is any theatre that presents stage productions only in the summer. The name combines the season with the tradition of staging shows by a resident company, reusing stock scenery and costumes. This program is for students interested in learning more about all aspects of theatre including the rehearsal process; culminating in a performance on 8/1/2019. Performance is a teacher-written piece prepared, built, rehearsed, and presented by the students with teacher supervision. Summer stock builds presentation skills, self-confidence and creative thought. It allows the students to build their theatrical interest in a friendly, nurturing environment. Students will have the opportunity to work back stage, on stage, or both.

WEEKS 3 AND 4: Eight 3 hour classes (9:00 am – 12:00 pm)

Monday, July 22 - Thursday, July 25, 2019 and Monday, July 29 - Thursday, August 1, 2019

Performance at 12:00 pm on Thursday, August 1, 2019 (RHS Auditorium)

3rd & 4th Grade ~ Mad Science ~ Get down into the scientific nitty gritty! Create and monitor experiments...make predictions...and just have fun getting your hands dirty with our exciting experiments! This course is sure to please...keep you guessing and making you want more science!

WEEK 4: Four 1 ½ hour classes (9:00 am – 10:30 am) Monday, July 29 - Thursday, August 1, 2019

3rd & 4th Grade ~ Math Connection ~ The program will enable students to make personalized goals and participate in interactive lessons daily. Each student will gain strategies to assist them when preparing for the new year ahead. When completing this course students will have strengthened their foundation in the content area of Math which will enhance their experiences and future successes.

WEEK 4: Four 1 ½ hour classes (9:00 am – 10:30 am) Monday, July 29 - Thursday, August 1, 2019

3rd & 4th Grade ~ Math Games ~ It's all fun and games when it comes to math! Students will engage in interactive games, centers and a variety of activities that will help to keep math fresh in their minds. Students will be challenged during the interactive rotations. (Board games, computer games, partner games, and small group.) Being a math wizard will never be this much fun!

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WEEK 4: Four 1 ½ hour classes (10:30 am – 12:00 pm) Monday, July 29 - Thursday, August 1, 2019

GRADES 5 & 6

2019 Summer Enrichment Offerings

5th & 6th Grade ~ Reader's Theater Workshop ~ This course is designed for students to enhance their literacy skills through theater. We will conduct literary analyses on different texts and then act them out! Students will also work together to write their own short script by developing characters and the plot of the story.

WEEK 1: Four 1 ½ hour classes (9:00 am – 10:30 am) Monday, July 8 - Thursday, July 11, 2019

5th & 6th Grade ~ Beginner/Intermediate Band ~ Beginning and intermediate students in 4th-6th grade will receive full ensemble instruction as well as individualized teaching on their musical instrument. The students will have three 30 minute sessions focusing on personal playing, music theory, and group rehearsal. Skills will be reinforced that were developed the previous school year, and preparation for the upcoming year will begin.

WEEKS 1 AND 2: Seven 1 ½ hour classes (10:30 am – 12:00 pm)

Monday, July 8 - Wednesday, July 10, 2019 (no class 7/11) and Monday, July 15 - Thursday, July 18, 2019

Performance at 12:00 pm on Thursday, July 18, 2019 (RHS Band Room)

5th & 6th Grade ~ Guitar for Beginners ~ Music is an amazing outlet for creativity and it literally changes the brain. This course is aimed at students who have an acoustic/electric guitar, have always wanted to play, but who have never learned. They would be introduced to strumming patterns, finger placement, and beginner, first position chords. The goal would be to teach the students one song of their choice which encompasses the chords they will learn, and have them be able to play it by the end of the course.

Students MUST bring their own guitar.

WEEK 2: Four 1 ½ hour classes (9:00 am – 10:30 am) Monday, July 15 - Thursday, July 18, 2019

5th & 6th Grade ~ Design a Board Game ~ This is a design project from the LAUNCH project set. Students will work through the LAUNCH Cycle (Design Thinking process) to create a board game. They will need to consider the following: - What is the point of your game? How will you win? - Will it be timed? Will you have dice or spinners to add a sense of chance? Or will it be based entirely on strategy? - What will your theme be? - How will you make it fun? Students will have access the following items: Paper clips, Dice, Cardboard, Construction Paper, Markers, and Glue. On the last day, we will play each other's games and possibly invite the families in to play as well.

WEEK 2: Four 1 ½ hour classes (9:00 am – 10:30 am) Monday, July 15 - Thursday, July 18, 2019

5th & 6th Grade ~ Build a Superhero City ~ Students will follow the LAUNCH Cycle (Design Thinking Process) to complete the task. They will need to consider the following: - Where will this city be located? How will you keep the heroes hidden? - How will you accommodate each superhero's superpowers? How will this change the design? How will you handle superhuman strength? Elasticity? Flying? The ability to walk through walls? - What special features will this city have? What kinds of cool superhero gadgets will this city have? - What will the city look like? What architectural style will you use? Students will be given the following materials: Cardboard, Construction Paper, Duct Tape, and Glue Straws.

WEEK 2: Four 1 ½ hour classes (10:30 am – 12:00 pm) Monday, July 15 - Thursday, July 18, 2019

5th & 6th Grade ~ Design your Dream House ~ Through the Design Your Dream House summer enrichment class, students will be introduced to three dimensional modeling through the program Google SketchUp 8. This program is used both in the high school Engineering courses and will allow students to develop their three dimensional spatial senses in order to develop a 3D model of their dream home. Prior to working in Google SketchUp 8, students will research different architectural styles and floor plans and visualize an idea of how they want their dream home to look. From their research, they will create a hand drawn design of the exterior and interior floor plan of their home. These hand drawn sketches will provide a reference for students when they are working in Google SketchUp 8. After developing a design, the teacher will model first the exterior to their home and apply materials to the exterior and landscape in order for it to appear realistic. Once exterior models are complete, the students will work on the interior of their structures and add rooms, furniture, and materials. At the completion of the class, the students will have a fully designed exterior and interior model of their dream house.

WEEK 3: Four 1 ½ hour classes (9:00 am – 10:30 am) Monday, July 22 - Thursday, July 25, 2019

GRADES 5 & 6

2019 Summer Enrichment Offerings (Continued)

5th & 6th Grade ~ Summer Theatre ~ Summer stock theatre is any theatre that presents stage productions only in the summer. The name combines the season with the tradition of staging shows by a resident company, reusing stock scenery and costumes. This program is for students interested in learning more about all aspects of theatre including the rehearsal process; culminating in a performance on 8/1/2019. Performance is a teacher-written piece prepared, built, rehearsed, and presented by the students with teacher supervision. Summer stock builds presentation skills, self-confidence and creative thought. It allows the students to build their theatrical interest in a friendly, nurturing environment. Students will have the opportunity to work back stage, on stage, or both.

WEEKS 3 AND 4: Eight 3 hour classes (9:00 am – 12:00 pm)

Monday, July 22 - Thursday, July 25, 2019 and Monday, July 29 - Thursday, August 1, 2019

Performance at 12:00 pm on Thursday, August 1, 2019 (RHS Auditorium)

5th & 6th Grade ~ Cybersecurity 101 ~ In the Cybersecurity 101 course, students will be introduced to the various means of cyber-attacks. Students will complete challenges throughout the class to unlock codes that protect their new virtually developed company from attacks. Students will learn skills throughout this course that enable them to solve puzzles, decode encrypted messages, and find viruses in order to keep their companies alive. In addition to developing their problem solving skills, students will experience short coding, hacking, and cyber defense activities that will expand their knowledge of cyber use.

WEEK 4: Four 1 ½ hour classes (9:00 am – 10:30 am) Monday, July 29 - Thursday, August 1, 2019

5th & 6th Grade ~ Math Connections ~ The program will enable students to make personalized goals and participate in interactive lessons daily. Each student will gain strategies to assist them when preparing for the new year ahead. When completing this course the students will have strengthened their foundation in the content area of Math which will enhance their experiences and future successes.

WEEK 4: Four 1 ½ hour classes (10:30 am – 12:00 pm) Monday, July 29 - Thursday, August 1, 2019

GRADES 7 & 8

2019 Summer Enrichment Offerings

7th & 8th Grade ~ Introduction to Italian ~ This course will enable these students to become acquainted with the Italian language and culture. Students will learn introductory grammar and vocabulary topics to give them a head start into the new school year! Students will practice listening, speaking, reading, and writing skills in this course by creating and presenting dialogues and working on other group activities to meet the course objective!

WEEK 1: Four 1 ½ hour classes (10:30 am – 12:00 pm) Monday, July 8 - Thursday, July 11, 2019

7th & 8th Grade ~ Reader's Theater ~ Reader's Theatre is a strategy that combines reading practice and performing. It's goal is to enhance students' reading skills and confidence by having them practice reading with a purpose. Reader's Theatre gives students an opportunity to present skills on stage without having to memorize, therefore enhancing imagination, character and pronunciation.

WEEKS 1 AND 2: Eight 3 hour classes (9:00 am – 12:00 pm)

Monday, July 8 - Thursday, July 11, 2019 and Monday, July 15 - Thursday, July 18, 2019

GRADES 7 & 8

2018 Summer Enrichment Offerings

(Continued)

7th & 8th Grade ~ Intermediate/Advanced Band ~ Advanced students, 7th through 12th grade, will develop skills in chamber music, full ensemble, and solo playing. Students will receive personalized instruction with one on one instruction and small group coachings. Solo playing will be encouraged and rehearsed. Lessons on music theory and notation will be incorporated throughout the program. High School Band Leadership students, 10th grade through 12th grade, will mentor the younger students and are encouraged to attend the earlier session. They will help facilitate small group instruction and play side by side to encourage the new players. These students will gain experience in leadership by conducting the chamber music groups and supervise the other students. The student leaders are recommended to participate in both sessions. The four week course will conclude with a concert featuring all participating students showcasing the music prepared.

WEEKS 1 AND 2: Seven 1 ½ hour classes (9:00 am – 10:30 am)

Monday, July 8 - Wednesday, July 10, 2019 (no class 7/11) and Monday, July 15 - Thursday, July 18, 2019

Performance at 12:00 pm on Thursday, July 18, 2019 (RHS Band Room)

7th & 8th Grade ~ Garden Like a Scientist ~ Are you curious about how to grow different types of plants? Would you like to test different conditions and setups to see what works best for plant growth? Are you interested in learning about how you can help attract and support pollinators such as bees, butterflies, and birds in a garden? If any of these questions interest you, please join the Garden Like A Scientist Summer Enrichment Class. Students will learn about different ways to tend to a garden, test different methods used to grow plants, as well as how to support local wildlife important for a healthy ecosystem.

WEEKS 1 AND 2: Eight 1 ½ hour classes (10:30 am – 12:00 pm)

Monday, July 8 - Thursday, July 11, 2019 and Monday, July 15 - Thursday, July 18, 2019

7th & 8th Grade ~ Guitar for Beginners ~ Music is an amazing outlet for creativity and it literally changes the brain. This course is aimed at students who have an acoustic/electric guitar, have always wanted to play, but who have never learned. They would be introduced to strumming patterns, finger placement, and beginner, first position chords. The goal would be to teach the students one song of their choice which encompasses the chords they will learn, and have them be able to play it by the end of the course. **Students MUST bring their own guitar.**

WEEK 2: Four 1 ½ hour classes (9:00 am – 10:30 am) Monday, July 15 - Thursday, July 18, 2019

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WEEKS 3 AND 4: Eight 1 ½ hour classes (10:30 am – 12:00 pm)

Monday, July 22 - Thursday, July 25, 2019 and Monday, July 29 - Thursday, August 1, 2019

7th & 8th Grade ~ Summer Theatre ~ Summer stock theatre is any theatre that presents stage productions only in the summer. The name combines the season with the tradition of staging shows by a resident company, reusing stock scenery and costumes. This program is for students interested in learning more about all aspects of theatre including the rehearsal process; culminating in a performance on 8/1/2019. Performance is a teacher-written piece prepared, built, rehearsed, and presented by the students with teacher supervision. Summer stock builds presentation skills, self-confidence and creative thought. It allows the students to build their theatrical interest in a friendly, nurturing environment. Students will have the opportunity to work back stage, on stage, or both.

WEEKS 3 AND 4: Eight 3 hour classes (9:00 am – 12:00 pm)

Monday, July 22 - Thursday, July 25, 2019 and Monday, July 29 - Thursday, August 1, 2019

Performance at 12:00 pm on Thursday, August 1, 2019 (RHS Auditorium)

7th & 8th Grade ~ Cybersecurity 101 ~ In the Cybersecurity 101 course, students will be introduced to the various means of cyber-attacks. Students will complete challenges throughout the class to unlock codes that protect their new virtually developed company from attacks. Students will learn skills throughout this course that enable them to solve puzzles, decode encrypted messages, and find viruses in order to keep their companies alive. In addition to developing their problem solving skills, students will experience short coding, hacking, and cyber defense activities that will expand their knowledge of cyber use.

WEEK 4: Four 1 ½ hour classes (9:00 am – 10:30 am) Monday, July 29 - Thursday, August 1, 2019

GRADES 7 & 8

2018 Summer Enrichment Offerings (Continued)

7th & 8th Grade ~ Design Your Own Website ~ At the beginning of the Design Your Own Website class, there will be a discussion about what elements make a quality website, good. The students will use this information and find examples of websites in order to understand layout, navigation, and design features to include in their personal websites. Using examples found online, the students will create a hand drawn design of graphics that they want to use, information and how it will be laid out on each of the pages, and how a user will navigate through the website. Once a rough design is established, students will begin to layout the homepage of their website using Notepad+, with both HTML5 and CSS. Notepad++ allows for students to write code by hand to develop the essential structure of a webpage as well as add and modify style elements using CSS. The students will learn how to link their three web pages and develop the code to a fully navigational website. By the end of the class, the students will have a personalized website with information and a design of their own creation.

WEEK 4: Four 1 ½ hour classes (10:30 am – 12:00 pm) Monday, July 29 - Thursday, August 1, 2019

RARITAN HIGH SCHOOL

2019 Summer Enrichment Offerings

9th, 10th, & 11th Grade ~ Filmmaking Crash Course ~ This summer course is intended to provide students with all levels of video making experience an opportunity to work collaboratively with like minds to conceive, write, properly shoot, and edit a short film.

WEEK 1: Four 3 hour classes (9:00 am – 12:00 pm) Monday, July 8 - Thursday, July 11, 2019

9th, 10th, & 11th Grade ~ Reader's Theater ~ Reader's Theatre is a strategy that combines reading practice and performing. Its goal is to enhance students' reading skills and confidence by having them practice reading with a purpose. Reader's Theatre gives students an opportunity to present skills on stage without having to memorize, therefore enhancing imagination, character and pronunciation.

WEEKS 1 AND 2: Eight 3 hour classes (9:00 am – 12:00 pm)

Monday, July 8 - Thursday, July 11, 2019 and Monday, July 15 - Thursday, July 18, 2019

9th and 10th Grade ~ Garden Like a Scientist ~ Are you curious about how to grow different types of plants? Would you like to test different conditions and setups to see what works best for plant growth? Are you interested in learning about how you can help attract and support pollinators such as bees, butterflies, and birds in a garden? If any of these questions interest you, please join the Garden Like A Scientist Summer Enrichment Class. Students will learn about different ways to tend to a garden, test different methods used to grow plants, as well as how to support local wildlife important for a healthy ecosystem.

WEEKS 1 AND 2: Eight 1 ½ hour classes (10:30 am – 12:00 pm)

Monday, July 8 - Thursday, July 11, 2019 and Monday, July 15 - Thursday, July 18, 2019

9th, 10th, & 11th Grade ~ Guitar for Beginners ~ Music is an amazing outlet for creativity and it literally changes the brain. This course is be aimed at students who have an acoustic/electric guitar, have always wanted to play, but who have never learned. They would be introduced to strumming patterns, finger placement, and beginner, first position chords. The goal would be to teach the students one song of their choice which encompasses the chords they will learn, and have them be able to play it by the end of the course. **Students MUST bring their own guitar.**

WEEK 2: Four 1 ½ hour classes (9:00 am – 10:30 am) Monday, July 15 - Thursday, July 18, 2019

RARITAN HIGH SCHOOL

(continued)

2019 Summer Enrichment Offerings

9th, 10th, & 11th Grade ~ Intermediate/Advanced Band ~ Advanced students, 7th through 12th grade, will develop skills in chamber music, full ensemble, and solo playing. Students will receive personalized instruction with one on one instruction and small group coachings. Solo playing will be encouraged and rehearsed. Lessons on music theory and notation will be incorporated throughout the program. High School Band Leadership students, 10th grade through 12th grade, will mentor the younger students and are encouraged to attend the earlier session. They will help facilitate small group instruction and play side by side to encourage the new players. These students will gain experience in leadership by conducting the chamber music groups and supervise the other students. The student leaders are recommended to participate in both sessions. The four week course will conclude with a concert featuring all participating students showcasing the music prepared.

WEEKS 1 AND 2: Seven 1 ½ hour classes (9:00 am – 10:30 am)

Monday, July 8 - Wednesday, July 10, 2019 (no class 7/11) and Monday, July 15 - Thursday, July 18, 2019

Performance at 12:00 pm on Thursday, July 18, 2019 (RHS Band Room)

9th and 10th Grade ~ Garden Like a Scientist ~ Are you curious about how to grow different types of plants? Would you like to test different conditions and setups to see what works best for plant growth? Are you interested in learning about how you can help attract and support pollinators such as bees, butterflies, and birds in a garden? If any of these questions interest you, please join the Garden Like A Scientist Summer Enrichment Class. Students will learn about different ways to tend to a garden, test different methods used to grow plants, as well as how to support local wildlife important for a healthy ecosystem.

WEEKS 3 AND 4: Eight 1 ½ hour classes (10:30 am – 12:00 pm)

Monday, July 22 - Thursday, July 25, 2019 and Monday, July 29 - Thursday, August 1, 2019

9th, 10th, & 11th Grade ~ Summer Theatre ~ Summer stock theatre is any theatre that presents stage productions only in the summer. The name combines the season with the tradition of staging shows by a resident company, reusing stock scenery and costumes. This program is for students interested in learning more about all aspects of theatre including the rehearsal process; culminating in a performance on 8/1/2019. Performance is a teacher-written piece prepared, built, rehearsed, and presented by the students with teacher supervision. Summer stock builds presentation skills, self-confidence and creative thought. It allows the students to build their theatrical interest in a friendly, nurturing environment. Students will have the opportunity to work back stage, on stage, or both.

WEEKS 3 AND 4: Eight 3 hour classes (9:00 am – 12:00 pm)

Monday, July 22 - Thursday, July 25, 2019 and Monday, July 29 - Thursday, August 1, 2019

Performance at 12:00 pm on Thursday, August 1, 2019 (RHS Auditorium)

10th, & 11th Grade ~ SAT English Preparation

SAT Prep. is a class that will provide students with tips and strategies on how to score higher on the English section of the SAT. This will include sessions on the SAT Essay, and both multiple choice sections.

WEEK 3: Four 1 ½ hour classes (9:00 am – 10:30 am) Monday, July 22 – July 25, 2019

10th, & 11th Grade ~ Writing the College Essay and Scholarship Writing

Writing college essays can feel overwhelming. Yet with the right help, you can actually feel free and inspired to write an essay that can support you in getting that college acceptance. This workshop will help you: Choose a topic for your essay, write a rough draft, revise based on personal feedback and take away the pressure of writing it in the fall. In addition, similar skills are used to gain valuable scholarship money. Use your time in this class to research and write scholarship essays as well.

WEEK 4: Four 3 hour classes (9:00 am – 12:00 pm) Monday, July 29 – August 1, 2019

11th Grade ~ College Workshop

No registration is needed for the course listed below.

Students may drop in for assistance for one, two or all classes offered.

During these workshops, we will discuss the college process and guide the incoming seniors in starting their college applications. Students will be able to create a Common Application account and begin adding their information and essays into the applications. We will also help students navigate through the applications, including various college applications of interest. A integral part of the workshop(s) will focus on the understanding and execution of using the college planning program, Naviance. Students will be able to add their colleges they plan to attend to Naviance, as well as, request teacher letters of recommendation and transcripts and being able to link the Common Application to their Naviance account. Please meet in the Raritan High School Cafeteria.

Four 2 hour classes (1:00 pm – 3:00 pm) August 6 and 13, 2019 AND (9:00 am – 11:00 am) August 8 and 15, 2019

RARITAN HIGH SCHOOL

ADVANCED PLACEMENT

AP Biology Summer Preparation

Familiarize students with AP Biology Curriculum, Textbook, Course Orientation, Google Classroom, Support Programs, Expectations and Timelines. Introduce students to the 4 Big Ideas, concepts within the ideas and student outcomes. Also, students will be introduced to the Math Reference Sheet; formulas, calculations and applications. Introduce students to Google driven collaborative work platforms. Allow students the opportunity to bond with peers/instructor and forge communication with all stakeholders. Increase readiness for advanced placement rigor, achievement and success.

Three 4 hour classes (8:00 am – 12:00 pm) June 26, 27 and 28, 2019

AP Calculus AB Summer Preparation

This is a course that is designed to introduce you to the wonders of calculus. We will be reviewing Pre-Calculus topics and introducing basic calculus topics to jump start the AP Calculus AB Curriculum. Please come prepared to each class with a notebook and a pen/pencil. A calculator (graphing only) would be a beneficial, but not necessary.

Five 2 hour classes (4:00 pm – 6:00 pm) July 1, 8, 15, 22 and 29, 2019

AP Calculus BC Summer Preparation

This is a course that is designed to help you continue your commitment to the wonders of calculus. We will be reviewing Pre-Calculus topics necessary for success in AP Calculus BC. Please come prepared to each class with a notebook and a pen/pencil. A calculator (graphing only) would be beneficial, but not necessary.

Five 2 hour classes (6:00 pm -8:00 pm) July 1, 8, 15, 22 and 29, 2019

AP Chemistry Summer Preparation

Students will be introduced to the six Big Ideas of AP Chemistry, including an in-depth study of the topic of gases in Big Idea 2. The prep course will include conceptual understanding including interpretation and construction of particulate diagrams of gases, as well as problem solving sessions and laboratory experiments (Molar Volume of Hydrogen, Atmospheric Pressure Investigations using a Bell Jar, and Computer Simulation Lab). In addition, students will be given time to work collaboratively on the required summer assignments.

Three 3 hour classes (8:00 am – 11:00 am) June 26, 27 and 28, 2019

AP Computer Science A Preparation

This summer enrichment class will be designed as a way of enforcing the basic structure and syntax of the JAVA programming language to prepare students to enter the AP Computer Science A course, in the fall. At the end of the school year, students taking AP Computer Science A the following year, will receive summer work that will need to be completed by the first week of the new year. Students who attend the AP Computer Science A classes during the summer, will receive additional practice on their summer work and will be able to raise any questions about program that they have tried. In addition to any assistance that they may need on summer work, we will write programs that include variables, math, and incrementing operators. Using the Java module in codehs.org, we will work through the JAVA basics and students will come away with an understanding of variables, conditionals, and loop structures. We will build a calculator program that performs all of the functions of a calculator. Students will also be supplied with a Challenge Program and where they will need to plan, write, and evaluate arithmetic expressions and their usage in a program.

Four 1 ½ hour classes (12:00 pm – 1:30 pm) July 22, 23, 24 and 25, 2019

RARITAN HIGH SCHOOL ADVANCED PLACEMENT

(continued)

AP English Language and Composition Summer Preparation

AP courses can seem daunting at first. But once you understand the content and what's expected, joining AP English Language in September can be much easier. In this course, we'll use advertising, articles and movies to start exploring core learning points of AP English Language and Composition: - How can I closely read non-fiction in the form of essays, speeches, advertising, movies and political cartoons? - Why is the author writing? What is her or his purpose? - How did he or she achieve it? - How can I analyze text and write about it on a college level? Students will: - Work with documentaries to understand the roles of syntax and diction - Analyze propaganda through print advertising - Breakdown the concepts behind SOAPSTONE, a key component in the course - Practice with AP test questions - Support with their summer assignment.

Four 1 ½ hour classes (9:00 am – 10:30 am) July 8, 9, 10 and 11, 2019

AP English Literature Summer Preparation

Students will get a sampling of all AP English Literature and Composition has to offer, calming AP student nerves and helping them feel comfortable with this course for the coming year. Through engaging short stories and poems with recognized literary merit, student will start the deep, satisfying analysis that these works allow.

Four 1 ½ hour classes (10:30 am – 12:00 pm) July 8, 9, 10 and 11, 2019

AP Environmental Science Summer Preparation

Students will utilize the engineering design process to design an experiment to address a real world environmental problem. Students will learn about lab safety protocols and equipment. Students will collect data from their experiment and create a poster presentation of their findings.

Three 3 hour sessions (8:00 am - 11:00 am) June 26, 27 and 28, 2019

AP Government and Politics Summer Preparation

Students will be introduced to the course of AP Government and Politics. All 5 units will be discussed, with a focus on our first unit of Constitutional Underpinnings. Students will engage with content, test their knowledge, and get excited for the year to come. Students will know the expectations of the teacher and course as well as learn some inside information that would help them prepare for their exam in May.

Four 2 hour sessions (10:00 am – 12:00 pm) August 5, 6, 7 and 8, 2019

AP Human Geography Summer Preparation

Students will engage in various enrichment activities that aim to build literacy, writing and geographic skills in preparation for the 2019-2020 AP Human Geography course. The goal of the course is to ensure that students have fun while exploring their world while preparing for the rigor of the course.

Three 3 hour classes (1:00 pm – 4:00 pm) July 17, 24 and 31, 2019

AP Italian Summer Preparation

For students enrolled in the Italian Language & Culture Advanced Placement course, the summer months are an invaluable time to familiarize themselves with the exam, course work, and to review previously learned material. The objectives of this course would be to introduce students to the six sections of the AP exam, discuss scoring, and to apply previously learned material through sample exam exercises.

Four 2 ½ hour classes (10:30 am – 1:00 pm) July 15, 16, 17 and 18, 2019

AP Physics Summer Preparation

This course will prepare students for AP Physics by teaching basic skills needed for the course. Skills will include lab report writing, formula and unit clarification, linearization of nonlinear graphing relationships, and vector algebra.

Four 2 hour classes (2:00 pm – 4:00 pm) August 5, 6, 7 and 8, 2019

RARITAN HIGH SCHOOL ADVANCED PLACEMENT

(Continued)

AP Psychology Summer Preparation

For students taking AP Psychology, Psychology 105, Psychology 216 or Forensic Psychology in 2019/2020. The primary objectives of this summer enrichment is to aid students in developing the critical thinking skills necessary for success in the advanced psychology courses offered at Raritan High School. This course is specifically designed to improve students critical thinking skills as they relate to the field of psychology in the following areas; pattern recognition, practical problem solving, creative problem solving, scientific problem solving, psychological reasoning, and finally perspective taking.

Five 2 hour classes (10:00 am – 12:00 am) July 15, 16, 17, 18 and 22, 2019

AP Research Summer Preparation

Students will further develop the skills acquired in AP Seminar and apply them to new concepts in AP Research. Topics to be addressed include: Using primary literature in the research process and presentation development, preparing for an oral defense and using primary literature to think and write critically.

Three 2 hour classes (11:00 am – 1:00 pm) June 26, 27 and 28, 2019

AP Statistics Summer Preparation

This will be an introductory course to AP Statistics, mainly covering chapter 1 and previous knowledge concepts from other math classes.

Four 2 hour classes (8:00 am – 10:00 am) August 5, 6, 7 and 8, 2019

AP Studio Art Summer Preparation

Students will gain an understanding of the course requirements and begin to explore their artistic skill and voice. They will become more aware of the use of the Elements and Principles of Design and how to utilize them to create drawn and painted images that are both technically well executed, and meaningful. Students will receive assistance in planning and creating the first of their required Breadth pieces.

One 4 hour class AND Two 3 hour classes (8:00 am – 12:00 pm) July 2, 2019 and (8:00 am – 11:00 pm) July 9 and 16, 2019

AP U. S. History II Summer Preparation

The AP US History II summer session class would focus on student DBQ/Essay writing along with the study of APUSH content. This course would strengthen the AP US History student's writing, and knowledge; with a focus on strategies for improving historical essay writing. In addition, this course would better prepare students for the rigor of the new AP essay grading rubric. During the one week course, students will be introduced to how to write an effective DBQ utilizing various proven strategies. They will then begin the process of reading and writing several DBQ's/Essays with teacher and peer feedback on strengths/weaknesses and tips to improve. Along with the essay reading/writing, students will begin to explore the content of the AP US History course, which will increase their historical knowledge. Since essay writing is an integral part of the College Board AP US History test, this course would be beneficial in raising AP test scores.

Four 2 hour classes (9:00 am – 11:00 am) July 22, 23, 24 and 25, 2019

AP World History Summer Preparation

This course will serve as an introduction to the core themes, time periods, and historical thinking skills of AP world history. Students will have an opportunity to meet the instructor and gain a sense of the expectations of the class.

Five 2 hour classes (12:00 pm – 2:00 pm) August 1, 5, 6, 7 and 8, 2019
