

# Winchester Public Schools

## 2009 Summer Enrichment Program

---

Winchester is piloting a new set of programs this summer! Winchester's own teachers submitted course proposals in subject areas they are passionate about! Their ideas are creative and inspiring. We hope that many children will share their interest and sign up this summer!

This is a pilot. This means that we are likely to make some mistakes as we do this, and we'll learn along the way. We ask for your patience, as well as your feedback, as we try something new to expand our student's love of learning.

Our hope is to reach out to all learners – to those who are really advanced in a key area and want to delve further and stretch their minds, to those who have a special interest they are excited about, and to those who could use some back up in a specific academic area. Use your judgment about what courses would be suitable for your child.

### **Procedures**

**Sign ups:** All course registrations (unless otherwise indicated by \*\*) go through Winchester Public Schools business office. Fill out the attached form and mail it along with **payment in full** to:

Nancy Clark / Winchester Public Schools  
154 Horn Pond Brook Road  
Winchester, MA 01890

**Cancellations:** Each class has a minimum and maximum number of students. If the minimum is not met, the class will be canceled. Classes which do not meet the minimum enrollment will be canceled as of April 1. Parents will be notified promptly and refunds will be sent at this time.

**Fees:** Vary by the class. The estimated cost for each student will be approximately \$10 per hour of class time.

**Grades:** All grade levels indicate the child's grade as of fall 2009.

**Locations:** All courses will occur in Winchester school buildings. Locations of courses are listed, but are subject to change. Based upon which courses run, optimal building usage and course needs will determine where courses occur.

**Refunds:** Refunds will be made if the class does not enroll its minimum number by April 1, or if a teacher is unable to offer the course.

**Food:** For half day programs, bring a snack. For full day, bring snack and lunch.

**Questions:** All questions about signing up for courses, availability, and administration should go to Nancy Clark at [nclark@winchester.k12.ma.us](mailto:nclark@winchester.k12.ma.us) or 781/721-7001. All questions about course content should go to the course's teacher.

## Course Offerings for June 22 Week:

<p><b>ArtJet, Sue Costello</b>  <a href="mailto:scostello@winchester.k12.ma.us">scostello@winchester.k12.ma.us</a>  Monday – Friday 9:00am – 12:00pm at Lincoln Elementary School  Class size: 12 minimum, 20 maximum  <i>This is a two week course: June 22nd – July 3<sup>rd</sup></i></p>	<p>Grades 3 - 6  Fee: \$160</p>
--	-------------------------------------

ArtJet is a creative program for young artists to see and be inspired by art around the globe. It will include fun and rigorous explorations into drawing, painting and sculpture.

This program is for students of all abilities who have the desire to get their feet off the ground and expand their knowledge in the visual arts. The students will “jet-set” their way through five destinations around the globe as they make connections between the work they create and the world around them. Destinations may include China, India, Italy, Greece, and Egypt.

<p><b>Web Design for Teens, Daniel Downs</b>  <a href="mailto:ddowns@winchester.k12.ma.us">ddowns@winchester.k12.ma.us</a>  3 Full Days for Two Weeks June 22, 23, 24, 29, 30 &amp; July 1<sup>st</sup>  9:00 am – 1:30 pm  Location: Winchester High School, room 101A</p>	<p>Grades 6 - 8  Fee: \$240</p>
---	-------------------------------------

An introductory course for students interested in designing web pages. Students will learn elements of Photoshop and Dreamweaver MX while they design their web pages. Students will also learn how to upload to free website hosts. This class is targeted to junior high students who are interested in web design. Students will become familiar with the high school computer lab and technology courses

<p><b>Fun Foods from Around the World, Janet Daniels</b>  <a href="mailto:jdaniels@winchester.k12.ma.us">jdaniels@winchester.k12.ma.us</a>  Monday – Friday 10am – 12pm  Location -Winchester High School food lab B104  Maximum of 16 students</p>	<p>Grades 4 - 6  Fee: \$115</p>
---	-------------------------------------

We have the recipe for success! Use math, reading, science, culture and language to learn about the foods of the world. Prepare to have fun in this active class! No experience necessary. You will create and sample delicious foods, learn about kitchen safety, food preparation, and nutrition. Students will make a cookbook to share with their families. Please note any food allergies on the registration form.

**Course Offerings for June 22<sup>nd</sup> Week continued:**

<b>Pizzazzy PJ's</b> , <i>Karen Murphy</i> <a href="mailto:kmurphy@winchester.k12.ma.us">kmurphy@winchester.k12.ma.us</a> Monday – Friday 9am – 12pm Location: Winchester High School B102 Clothing Lab Class size: 16 maximum.	Grades 7 - 9 Fee: \$170
<p>Pizzazzy PJ's is being offered as summer enrichment for students entering 7<sup>th</sup> and 8<sup>th</sup> or 9<sup>th</sup> grades with little or no sewing experience. Pizzazzy PJ's is an introduction to sewing course which will first teach students the basics of sewing machine usage and then give them the opportunity to construct a pair of pajama pants. These skills can then be carried through to other garments/ projects they might create in the future.</p> <p>Necessary supplies to bring to first class meeting:</p> <ul style="list-style-type: none"> <li>Fabric: 2 ¾ yards cotton, cotton/poly or cotton flannel (pre washed and dried according to manufacturer's instructions)</li> <li>Elastic: 1 yard x ¾" wide</li> <li>Thread: to match color of fabric.</li> </ul>	

**Course Offerings for June 29 Week:**

<b>Exploration of Metal Art</b> <i>Laurie Schmidt</i> <a href="mailto:lschmidt@winchester.12.ma.us">lschmidt@winchester.12.ma.us</a> Monday-Friday 9:00 am – 1:00 pm McCall Middle School Art Room BG12 Class size: 8 minimum, 15 maximum <i>This is a two week course June 29<sup>th</sup> – July 10<sup>th</sup></i>	Grades 6 - 8 Fee: \$475
<p>This course is designed to meet the needs of students who like working with their hands, being involved with tools, and who enjoy exploring new materials and processes in art making. Students who like to “get physical” with their work, thrive on challenge and have a basic understanding of measurement are invited to sign up for this course.</p>	

Course Offerings for June 29<sup>th</sup> Week continued:

<b>Winchester Academy of Mathematics</b> <i>WPS Math Teachers</i>		Grades 5 - 12
Monday – Friday		
Class size: Variable. Classes will average 10 – 15 students.		
<p>Mathematics offerings will include a comprehensive range of courses from enrichment to test prep and from hands on experiences to technology based explorations and instruction. Many of the courses are designed as “jumping off points” for gifted and talented students to start their own explorations. The program will also include courses for students who would like to strengthen their preparation for a course they are planning to take next year. Piece together your own, customized mathematics curriculum! The Winchester Academy of Mathematic website can be found through the WPS websites.</p>		
<b>Origami</b>		Grades 5-8
<i>June 29<sup>th</sup> – July 3<sup>rd</sup></i> 9:00am – 10:00 am		Fee: \$100
Students make incredible geometric solids (Archimedean solids, fractalized stellated dodecahedra), delicate cranes and much, much more.		
<b>Microprocessor Project Lab</b>		Grades 6 - 9
<i>June 29<sup>th</sup> – July 3<sup>rd</sup></i> 9:00am – 11:00 am		Fee \$210
Students will learn to use, design with, and program a microprocessor. Students will learn analog and digital circuits, wiring techniques, and use of an oscilloscope. They will learn various input and output circuits (including sensors lights, displays, and motors) and control them with a microprocessor. Projects include light board, simple robot, and games.		
<b>Geometry SketchPad Explorations</b>		Grades 6 - 9
<i>June 29<sup>th</sup> – July 3<sup>rd</sup></i> 10:00am – 11:00 am		Fee: \$120
Students will explore the computer software program “Geometry SketchPad.” All students will receive a copy of the software that can be used in many math classes.		
<b>Fractals and Tessellations</b>		Grades 6 - 9
<i>June 29<sup>th</sup> – July 3<sup>rd</sup></i> 11:00am – 12:00pm		Fee: \$100
Designing patterns that tessellate, students explore shapes, design, and color and concepts such as congruence and symmetry.		

## Course Offerings for July 6 Week:

**\*\*Cool Science Club**, *Lanie Higgins, Director* Grades K - 6  
 Monday – Friday 8:30am – 2:30pm  
*This is a two week course July 6<sup>th</sup> – July 17<sup>th</sup>*  
**\*\* For registration and fee information please visit the Cool Science Website @ [www.coolscienceclub.com](http://www.coolscienceclub.com)**

This year’s mystery will take place at the Arthur Griffin Museum. The theme will be the mystery of the missing Ted Williams photograph. Arthur Griffin’s famous Ted Williams photo is missing, and the only other photographer’s work on display is an astronomer’s. The detectives’ on site work will involve looking for clues about the missing photo and also learning more about astronomy. The StarLab will be an additional feature along with the possibility of a field trip to the Clay Observatory.

**Winchester Academy of Mathematics** *WPS Math Teachers* Grades 5 - 11  
 Monday – Friday  
 Class size: Variable. Classes will average 10 – 15 students.

Mathematics offerings will include a comprehensive range of courses from enrichment to test prep and from hands on experiences to technology based explorations and instruction. Many of the courses are designed as “jumping off points” for gifted and talented students to start their own explorations. The program will also include courses for students who would like to strengthen their preparation for a course they are planning to take next year. Piece together your own, customized mathematics curriculum! The Winchester Academy of Mathematic website can be found through the WPS websites

**MCAS Prep** **NO COST**  
*July 6<sup>th</sup> – July 10<sup>th</sup> 10:00am – 11:00am*  
 Selected students will practice key math skills necessary for mastering the 8<sup>th</sup> and 10<sup>th</sup> grade exams. Course is for students in 7<sup>th</sup> through 9<sup>th</sup> grades.

**Getting Ready for Algebra** Fee: \$100  
*July 6<sup>th</sup> – July 10<sup>th</sup> 9:00am – 10:00am*  
 The course begins students on a comprehensive review of all the basic skills that prepare students for Algebra 1. Much of the course is done as an online internet based course of study. Students will be able to continue their studies at home after the course is completed. This course is individualized and ideal for students of all levels who will take Algebra or advanced Algebra next year.

**Math Team Summer Jamboree** Grades 7 & 8  
*July 6<sup>th</sup> – July 10<sup>th</sup> 11:00am – 12:00 pm* Fee: \$100  
 This course is a chance for 7<sup>th</sup> and 8<sup>th</sup> graders to get a taste of the HS math team. Week will include a variety of math team activities.

*WAM courses for week of July 6<sup>th</sup> continued:*

<b>Computer Scripting Languages</b>	Grades 7 - 10
Offered July 6 <sup>th</sup> – July 10 <sup>th</sup> 9:00am – 10:00am and 10:00am – 11:00am	Fee: \$150
Introduction to computer programming using common scripting languages like Python and Bash. Students will learn to analyze and control common computer functions using widely available scripting languages. PC, Mac, and Linux.	
<b>Calculator POWER</b>	Grades 7-10
July 6 <sup>th</sup> – July 10 <sup>th</sup> 9:00am – 10:00am	Fee: \$100
A mini course designed to show some of the many incredible things you can do with your TI 84 Calculator. Students should have some experience with Algebra before taking this unit.	
<b>Algebra Skills Review</b>	Grades 8 - 10
July 6 <sup>th</sup> – July 10 <sup>th</sup> 9:00am – 10:00am	Fee: \$125
The course begins students on a comprehensive review of all the basic skills taught in Algebra 1. Much of the course is done as an online internet based course of study. Students will be able to continue their studies at home after the course is completed. This course is individualized and is ideal for students of all levels who have completed a year of Algebra or Advanced Algebra last year or the year before.	

<b>Reading the Write Way</b>	Grades 1 - 6
Monday – Thursday for four weeks 7/6 – 7/31	Fee: \$225
One hour sessions at 8am, 9am, 10am	
Location: Ambrose Elementary, classroom TBD	
Suzanne Mahoney and approximately six additional elementary teaching staff. No more than six students per teacher.	
<a href="mailto:smahoney@winchester.k12.ma.us">smahoney@winchester.k12.ma.us</a>	
The purpose of this program is to address students' needs in a small group setting. Students who will benefit most from this program are those who find success through the individual instruction a small group setting can provide. Students will receive additional practice and support in order to achieve and maintain grade level reading and writing skills through the summer months. Their confidence will improve as their skills develop. During the first two days, informal assessments are used to assess the reading and writing skills of the students. Texts are chosen and activities are planned accordingly to address the needs of the children. Skills addressed include: decoding and encoding strategies, development of written ideas, vocabulary development, reading and spelling sight words, reading fluency, appreciation of literature, comprehension strategies, and writing mechanics. Activities designed to address these needs include journal writing, writing poetry, read aloud, partner reading, learning games, and more.	

**Course offerings week of July 6<sup>th</sup> continued:**

<b>Great Stories into Plays</b> , <i>Kathleen Malone</i> <a href="mailto:kmalone@winchester.k12.ma.us">kmalone@winchester.k12.ma.us</a> Monday – Thursday 8:30am – 11:30am Location: Vinson Owen Elementary, classroom TBD <i>This is a two week course July 6<sup>th</sup> – July 17<sup>th</sup>.</i>	Grades 1 – 3 Fee: \$240
<p>Children will read and/or listen to a wide variety of quality children’s literature. Children will work together to develop dialogue as they create a play, considering audience, voice, characters, and the story’s message. Children will explore the author’s purpose and the elements of story. This course is targeted for students who enjoy literature and drama and who will enjoy reading great stories and adapting them into plays.</p>	

<b>Lego Robotics &amp; Sports &amp; More</b> , <i>Gordon Casey and Michael Domina</i> <a href="mailto:gcasey@winchester.k12.ma.us">gcasey@winchester.k12.ma.us</a> & <a href="mailto:mdomina@winchester.k12.ma.us">mdomina@winchester.k12.ma.us</a> Offered Monday – Thursday for five weeks July 6 <sup>th</sup> – August 20 <sup>th</sup> <i>Please sign up for as many weeks as you desire, and indicate your sequential preference for weeks.</i> Location: Vinson Owen Elementary, classroom TBD	Grades 1 – 6 Fee: \$120
---	----------------------------

Due to popular demand, Lego Robotics is back again this summer with a new twist. – Sports and More! We know this combination of hands-on learning and problem solving, paired with cooperative movement games will provide young learners with the opportunity to exercise both mind and body.

Lego Robotics: The students will explore the wonderful world of Legos through robotics. Through hands on learning activities with Legos, children will begin to be exposed to the Engineering Process. Over the course of the week, students will problem solve and create to build solutions to a necessary task or given problems. As students progress, they will work with motors and sensors to power their Lego structure. Students will even write their own computer programs to command their creations!

Sports and More: The students will have a chance to experience cooperative, problem solving, strategy, implementation and competitive games in noncompetitive situations. The primary focus of each session of Sports and More centers around team building through movement based activities. The concept of “everyone wins when they give 100% effort with their athletic skills as well as their ability to work well with each others” is truly discussed throughout each session. At the end of the session, the students will sit down and participate in a “feedback session” where they will review what went well and what the students can take to work on during the next session. “Open Circle” ideas and theories will be integrated throughout all of the sessions. The goal for every student is to increase self confidence and self-awareness through the participation in non-threatening sports based activities.

Course offerings week of July 6<sup>th</sup> continued:

<b>Civic Engagement</b> , <i>Juliana Jarvis</i> <a href="mailto:jjarvis@winchester.k12.ma.us">jjarvis@winchester.k12.ma.us</a> Monday – Friday 9am – 12pm Location: Vinson Owen Elementary, classroom TBD	Grades 5 – 6 Fee: \$150
--	----------------------------

Are you a caring kid? Do you like to help others? In this class, we will work together to learn about local organizations and participate in hands-on projects that will allow us to make an impact on our community. Speakers from local organizations (such as Birthday Wishes, a non profit that provides birthday parties to children in homeless shelters) will visit with students. If you want to have fun while helping others, this class is for you! Kids can make a difference!

<b>World War II Goes to the Movies</b> , <i>Katy Rees</i> <a href="mailto:krees@winchester.k12.ma.us">krees@winchester.k12.ma.us</a> Monday – Friday 9am – 1pm <i>This is a two week course July 6<sup>th</sup> – July 17<sup>th</sup></i> Location: Winchester High School	Grades 10 - 12 Fee: \$400
---	------------------------------

9<sup>th</sup> graders with a particular interest and understanding of World War II may wish to participate.

Explore one of the most fascinating and significant time periods in modern history from the perspective of both contemporary and modern film. Through original newsreels, cartoons, documentaries, and feature films we will learn about the events and ideas of World War II as they happened – and even how the films of the era shaped the war itself.

<b>Renaissance Florence; City of Visual Splendor</b> , <i>Maureen Palma</i> <a href="mailto:mpalma@winchester.k12.ma.us">mpalma@winchester.k12.ma.us</a> Mondays & Wednesdays for four weeks from 9am – 11am July 6, 8, 13, 15, 20, 22, 27, 29 Location: Winchester High School <i>Class size: 12 minimum, 20 maximum</i>	Grades 11, 12 Fee: \$160
--	-----------------------------

Sessions will be conducted in a manner of a college level art history class. Students will have the opportunity to carefully look at and examine selected images of some of the most important works of art and architecture that were produced at this time. They will discuss and interpret their meanings as well as any express relevance they might have in our lives today. Readings will be assigned for each session. This course is for highly motivated students who have a strong interest in history, the humanities, or the history of art and architecture and the willingness to read and examine original documents, in translation, as well as articles and criticisms by noted art historians.

**Course offerings week of July 6<sup>th</sup> continued:**

<b>The Great Outdoors</b> , <i>Barbara Donlon</i> <a href="mailto:bdonlon@winchester.k12.ma.us">bdonlon@winchester.k12.ma.us</a>	Grades 1 – 2
Monday – Friday 9am – 2pm Location: Vinson Owen Elementary, classroom TBD	Fee: \$250
A multi disciplinary course designed to provide learners with an introduction to the natural world, with an emphasis on animal and plant life indigenous to New England. This course will engage and excite students about the natural world close to home.	

**Course Offerings for July 13 Week:**

<b>Amazing Animals</b> , <i>Terri Maquire</i> <a href="mailto:tmarguire@winchester.k12.ma.us">tmarguire@winchester.k12.ma.us</a>	Grades K - 5 Fee: \$120
Monday – Thursday 8:30am – 11:30am Location: Vinson Owen Elementary School, classroom TBD	
All students are welcome and accepted! Students just need to possess a love for animals. Each day will feature a different animal including an iguana, a bearded dragon, an African spur-thigh tortoise, a Columbian boa constrictor and two parrots. Literature, poetry, art project and discussions will revolve around day's featured animal. Students will learn about natural habitat and habitat destruction implications as well as care in captivity. Students will participate in daily writing incorporating observations, hands-on interactions, thoughts and new discoveries. Individual photo journals will be created as culminating memento.	

<b>Winchester Academy of Mathematics</b> <i>WPS Math Teachers</i>	Grades 5 - 11
Monday – Friday Class size: Variable. Classes will average 10 – 15 students.	
Mathematics offerings will include a comprehensive range of courses from enrichment to test prep and from hands on experiences to technology based explorations and instruction. Many of the courses are designed as “jumping off points” for gifted and talented students to start their own explorations. The program will also include courses for students who would like to strengthen their preparation for a course they are planning to take next year. Piece together your own, customized mathematics curriculum! The Winchester Academy of Mathematic website can be found through the WPS websites	
<b>Algebra Skills Review</b>	Grades 8 - 10
July 13 <sup>th</sup> – July 17 <sup>th</sup> 9:00am – 10:00am or 11:00am – 12:00pm	Fee: \$125
The course begins students on a comprehensive review of all the basic skills taught in Algebra 1. Much of the course is done as an online internet based course of study. Students will be able to continue their studies at home after the course is completed. This course is individualized and is ideal for students of all levels who have completed a year of Algebra or Advanced Algebra last year or the year before.	

*WAM courses for week of July 13<sup>th</sup> continued:*

**Microprocessor Project Lab**

Grades 6 - 9

July 13<sup>th</sup> – July 17<sup>th</sup> 9:00am – 11:00 am

Fee \$210

Students will learn to use, design with, and program a microprocessor. Students will learn analog and digital circuits, wiring techniques, and use of an oscilloscope. They will learn various input and output circuits (including sensors lights, displays, and motors) and control them with a microprocessor. Projects include light board, simple robot, and games.

**Origami**

Grades 5-8

July 13<sup>th</sup> – July 17<sup>th</sup> 9:00am – 10:00 am

Fee: \$100

Students make incredible geometric solids (Archimedean solids, fractalized stellated dodecahedra), delicate cranes and much, much more.

**Getting Ready for Algebra**

July 13<sup>th</sup> – July 17<sup>th</sup> 9:00am – 10:00am and 11:00am – 12:00pm

Fee: \$100

The course begins students on a comprehensive review of all the basic skills that prepare students for Algebra 1. Much of the course is done as an online internet based course of study. Students will be able to continue their studies at home after the course is completed. This course is individualized and ideal for students of all levels who will take Algebra or advanced Algebra next year.

**International Fabric Crafts, Joyce Anderson**

Grades 4 – 7

[janderson@winchester@winchester.k12.ma.us](mailto:janderson@winchester@winchester.k12.ma.us)

Fee: \$200 / wk

Monday – Friday 12:30 pm – 4:30 pm

Location: Winchester High School C212

Sign up for one, two or three weeks.

Week 1: International Fabric Crafts. July 13 – July 17, M-F

Week 2: International Paper Crafts July 20 – July 24, M-F

Week 3: International Games & Snacks July 27 – July 31, M-F

Minimum 12 - Maximum of 15 students

Students interested in this course will be excited to learn about new cultures around the world, and will be comfortable working with their hands. They will discuss cultural differences and contribute to conversations. The opportunity to learn some vocabulary in various languages, to do some introductory research online, and to bring home several beautiful projects will be part of the daily lessons. There are no prerequisites for this course.

<b>GlobeTrek Winchester</b> , <i>Erika Guckenberger</i> <a href="mailto:eguckenberger@winchester.k12.ma.us">eguckenberger@winchester.k12.ma.us</a> Monday – Thursday 9am – 3pm Location: McCall Middle School, classroom TBD <i>This is a two week program July 13<sup>th</sup> – July 23<sup>rd</sup></i>	Grades 7 – 9 Fee: \$480
--	----------------------------

This program will focus on global citizenship, helping to bridge differences between students of a variety of ethnic, racial, and religious backgrounds. Team building activities will help students form connections with participants who are representative of other backgrounds. ELL students and students from international backgrounds are welcome, although students need not fit this description to participate.

### Course Offerings for July 20 Week:

<b>Introduction to Irish and Gaelic Culture</b> , <i>Eileen Milner</i> <a href="mailto:emilner@winchester.k12.ma.us">emilner@winchester.k12.ma.us</a> Monday – Friday 9am – 12:30pm Location: Winchester High School, classroom TBD Minimum 10 students	Grades 3 – 5 Fee: \$175
---	----------------------------

Gain an understanding of Irish culture and language -- learn to speak some Gaelic, study Irish music, and learn some Irish dances! Gaelic songs, Irish folktales, Celtic traditions and storytelling will be incorporated into the course. The students will spend one afternoon playing Gaelic athletic games, including hurling and Gaelic football. Many Celtic crafts will also be included, and typical Irish food will be prepared and tasted.

<b>iLearn</b> , <i>Jacqueline Murphy and Linda Pickering</i> <a href="mailto:jmurphy@winchester.k12.ma.us">jmurphy@winchester.k12.ma.us</a> & <a href="mailto:lpickering@winchester.k12.ma.us">lpickering@winchester.k12.ma.us</a> Monday – Friday 9am – 11am Location: McCall Middle School rooms DG02 and DG07 Minimum 20 students	Grade 6 Fee: \$125
--	-----------------------

This course is for students who need more time in learning to master basic skills in math and English. This will help students have a more positive beginning in sixth grade. Students may be average and below, or those who need a “refresher” mid summer.

On a typical day, we will greet students outside of McCall. Students will be divided into two groups. A and B. While Ms. Murphy is working with Group A in math, Mrs. Pickering will be working with Group B in English. Each session will last approximately 45 minutes. Students will then move into the other classroom where they will have a break with a snack brought from home. They will then have either math/ English instruction. Classrooms are across the hall from each other so transitions will be smooth. Twenty minutes has been saved for an all group game at the end of each day. One day, it will be a math based game; the next day it will be English.

**Course Offerings for July 20 Week continued:**

<p><b>Making Mathematical Minds</b>, <i>Tara Tully</i>  <a href="mailto:ttully@winchester.k12.ma.us">ttully@winchester.k12.ma.us</a>  Monday – Friday 9am – 12:30pm  Location: Vinson Owen Elementary, classroom TBD  <i>This is two session course July 20<sup>th</sup> – 24<sup>th</sup> &amp; July 27<sup>th</sup> – July 31<sup>st</sup></i>  <u>Students can sign up for one or two sessions</u>  Minimum 8 - Maximum of 17 students</p>	<p>Grades 4 – 5  Fee: \$175/ wk</p>
<p>Very accelerated students entering 3<sup>rd</sup> grade may be accepted into the program.</p> <p>It was Stanley Gudder who once said, “The essence of mathematics is not to make simple things complicated, but to make complicated things simple.” Students will have an opportunity to develop the reasoning and critical thinking skills that are essential for intellectual inquiry, and at the heart of Stanley Gudder’s ideas. This course will focus on building these mathematical skills through problem solving, puzzles, and experiences with a wide range of “cool” mathematics topics.</p> <p>This course will provide students with the chance to complete challenging academic work in the company of peers who share their exceptional abilities and love of mathematics. Students who wish to complete this course should have a solid understanding of general mathematics (including a grasp of their basic facts and exposure to basic story problems), as well as a desire to ask questions and discuss mathematics, develop their individual and group problem solving skills, and expand their critical thinking.</p>	

<p><b>Heavens Above: A Hands-On Astronomy Course</b>, <i>Joshua Roth</i>  <a href="mailto:jroth@winchester.k12.ma.us">jroth@winchester.k12.ma.us</a>  Monday – Friday 12pm – 4pm  Location: Winchester High School, Room A302  <i>This is a three week course July 20<sup>th</sup> – August 7<sup>th</sup></i>  Maximum class size 16 students</p>	<p>Grades 9 – 12  Fee: \$640</p>
<p>This course is for all students who wonder about the causes of observable celestial phenomena (day length and the Sun’s position in the sky; lunar phases; eclipses; shooting stars; constellations; the Evening Star; etc). We will explore questions such as: the nature of light, and how we can use the properties of light to learn about planets, stars, galaxies, etc; How to get started as astronomers, even if they don’t own a telescope. And what the best print and online resources are for finding out more about the night sky and the wonders of the cosmos.</p> <p><i>Students must be able to 1) read ten to twenty pages of assigned reading daily 2) keep a daily (and nightly!) sky log with written impressions and sketches of specific phenomena 3) perform independent research using at-home resources and/or public library and 4) work collaboratively with other students who may span a wide range of academic ability.</i></p>	

**Course Offerings for July 20 Week continued:**

<p><b>Winchester Academy of Mathematics</b> <i>WPS Math Teachers</i>  Monday – Friday  Class size: Variable. Classes will average 10 – 15 students.</p>	<p>Grades 7 - 12</p>
<p>Mathematics offerings will include a comprehensive range of courses from enrichment to test prep and from hands on experiences to technology based explorations and instruction. Many of the courses are designed as “jumping off points” for gifted and talented students to start their own explorations. The program will also include courses for students who would like to strengthen their preparation for a course they are planning to take next year. Piece together your own, customized mathematics curriculum! The Winchester Academy of Mathematic website can be found through the WPS websites</p>	
<p><b>MCAS Prep</b>  July 20<sup>th</sup> – July 24<sup>th</sup> 11:00am – 12:00pm  <u>Selected</u> students will practice key math skills necessary for mastering the 8<sup>th</sup> and 10<sup>th</sup> grade exams. Course is for students in 7<sup>th</sup> through 9<sup>th</sup> grades.</p>	<p><b>NO COST</b></p>
<p><b>Math PSAT and SAT Prep</b>  Offered July 20<sup>th</sup> – July 24<sup>th</sup> 9:00am – 10:00am or 10:00am – 11:00am  This course will assist students in beginning their preparations for the Math PSAT and SAT Exams. Materials will be provided which students can use for further study. This course is ideal for students entering 10<sup>th</sup> grade as it will provide an overview of the types of math exams they can expect during the next three years.</p>	<p>Grades 9 – 10  Fee: \$160</p>

## Courses Offerings for July 27 Week:

**Summer Voyage in Italy**, Paul Arena Grades 7 – 8  
[parena@winchester.k12.ma.us](mailto:parena@winchester.k12.ma.us) Fee: \$300

Monday – Thursday 10:00 am – 12 noon

Location: McCall Middle School, Room A311

*This is a two week program July 27<sup>th</sup> – August 7<sup>th</sup>*

Minimum 10 – Maximum 24 students

This course is designed for students who have no prior knowledge of Italian language or culture. The target audience is any student (entering grade 7 or 8) who has an interest in learning about different languages & cultures! Students should be ready & willing to participate every day, learn, and have fun!

**Podcasting Live from Winchester, MA!** *Pat DeVries* Grades 4 – 6  
[pdevries@winchester.k12.ma.us](mailto:pdevries@winchester.k12.ma.us) Fee: \$200

Monday – Friday 8am – 12pm

Location: McCall Middle School, Computer Lab A205

Minimum 8 – Maximum 15 students

Let's put Winchester on the Internet with a podcast tour of your hometown. Students will learn the elements of podcast production including researching, interviewing, scripting, and audio editing to produce a collaborative podcast that will be sent to Our City Podcast.

Students should be motivated and excited to learn a new technology tool and have the ability to work collaboratively in groups.

**Math Matters**, *Anne Harrison and Kate Souza* Grades 2 – 4  
[aharrison@winchester.k12.ma.us](mailto:aharrison@winchester.k12.ma.us) & [ksouza@winchester.k12.ma.us](mailto:ksouza@winchester.k12.ma.us) Fee: \$240

Monday – Thursday 9am – 11am

Location: Ambrose Elementary, modular classroom

*This is a three week course July 27<sup>th</sup> – August 13<sup>th</sup>*

Minimum 18 – Maximum 22 students

Would you like your child to receive some extra support in math? Do you wish your child had more confidence in their mathematical abilities? This exciting math program reinforces facts, concepts, and vocabulary in a fun and entertaining way. All students who participate will enter their next school year with a new found confidence and interest in math!

## Course Offerings for August 3 Week:

### Explorers Welcome!

**Central America & the Caribbean Islands**, *Elizabeth Ragalevsky*

Grades 5 - 6

[eragalevsky@winchester.k12.ma.us](mailto:eragalevsky@winchester.k12.ma.us)

Fee: \$175

Monday – Friday 9am – 12:30pm

Location: Vinson Owen Elementary, classroom TBD

Minimum 8 – Maximum 17 students

Put on your social scientists hats to explore Central America and the Caribbean. We will be Anthropologists, Historians, Economists and Geographers. We will study maps, languages, climate, history, culture, and the people of the smaller countries in North America. Each morning will begin with an introduction to the social scientist of the day. Then, with a different focus each day, we will explore Central America and the Caribbean Islands.

### Get it Together

, *Marebeth DiMare and Linda Pickering*

Grade 6

[mdimare@winchester.k12.ma.us](mailto:mdimare@winchester.k12.ma.us) & [lpickering@winchester.k12.ma.us](mailto:lpickering@winchester.k12.ma.us)

Fee: \$40

Friday August 7<sup>th</sup> 9am – 12pm for *one day*

Location: McCall Middle School classroom DG02

Students will be guided through organization and labeling of their notebooks, homework folders, agenda planner, dividers and locker (with designated areas for hanging a schedule for quick reference, extra pencils, binders) and will receive suggestions for developing a study area at home. We will provide notebooks, labels, dividers, and folders. We will hand out a “Let’s Get Organized” sheet for easy reference. Students will leave the session with all materials prepared for the fall. They will also have a plan for their locker. They will also be given time for a snack / break. This course is designed for all incoming sixth graders. .

### Let Your Voice Be Heard. . . Podcasting Live!

*Pat DeVries*

Grades 6 – 8

[pdevries@winchester.k12.ma.us](mailto:pdevries@winchester.k12.ma.us)

Fee: \$200

Monday – Friday 8am – 12pm

Location: McCall Middle School, Computer Lab A205

Minimum 8 – Maximum 15 students

Podcasting has hit the Internet “airwaves” to bring us audio broadcasting shows directly to our computer. Students will explore two types of podcasts, audio and enhanced, with the goal of producing several individual and collaborative podcasts. The final podcasts will be shared on the McCall web site. Students should be motivated and excited to learn a new technology tool and have the ability to work collaboratively in groups.

Course Offerings for August 3<sup>rd</sup> Week continued:

<p><b>Noni's Kitchen</b>, <i>Linda Pickering</i>  <a href="mailto:lpickering@winchester.k12.ma.us">lpickering@winchester.k12.ma.us</a>  Monday – Thursday 9:00am – 11:00am  Location: McCall Middle School food lab  Minimum 6 - Maximum 16 students</p>	<p>Grades 6 – 8  *Fee: \$100</p>
<p>Every day, students will be given a new Italian recipe with ingredients. I will demonstrate the recipe and then assist students while they cook the same thing. Students will be given a notebook with step by step instruction. They will also be given some safety tips for the kitchen and, of course, instruction on how to clean up! Students will take home what they have prepared.</p>	

<p><b>Greater Boston Art Scene</b>, <i>Allison Kangas</i>  <a href="mailto:akangas@winchester.k12.ma.us">akangas@winchester.k12.ma.us</a>  Monday – Thursday 9am – 4pm</p>	<p>Grades 7 – 12  Fee: \$350</p>
<p>Interested in all the art that Boston has to offer? Spend a week this summer traveling around by “T” and visiting Boston’s museums and galleries. In the process, learn about classic and contemporary artists from the US and around the world. Places we’ll visit include the MFA, the ICA, Isabella Stuart Gardner Museum, and a Back Bay gallery walk! At the end of the course students will submit a short presentation on their favorite exhibit or piece of art.</p> <p>Each day we will meet at a classroom and preview the museum we will visit for the day. Then we will walk to the commuter rail and travel to the museums. Students will then visit the museum exhibits and eat lunch. We will then we will travel back to Winchester and reflect on the day’s activities. Additional transportation cost of \$42.50 per week applies.</p>	

<p><b>Winchester Writers Club</b>, <i>Laura Goldberg</i>  <a href="mailto:Lgoldberg@winchester.k12.ma.us">Lgoldberg@winchester.k12.ma.us</a>  Monday – Friday 9am – 12pm  <i>This is a two week course August 3<sup>rd</sup> – August 14<sup>th</sup></i>  Location: Vinson Owen Elementary, classroom TBD  Maximum of 15 students</p>	<p>Grades 5 – 6  Fee: \$300</p>
<p>The course will begin with students reading and exploring newspapers. We will discuss the various types of writing found in a typical newspaper, and students will practice writing samples of each. Students will then decide what kind of writing they will contribute to the newspaper (i.e., news article, editorial, interview, want ads, entertainment, comics/graphics, sports, etc.). The remainder of the time will be spent drafting and writing these pieces to add to our finished newspaper!</p>	

## Courses for August 10 Week:

<p><b>Uncovering the Poems of Winchester</b>, <i>Emily Chatfield</i>  <a href="mailto:echatfield@winchester.k12.ma.us">echatfield@winchester.k12.ma.us</a>            Monday – Friday 8:30am – 12pm            Location: McCall Middle School, Room DG01            Minimum 10 – Maximum 15 students</p>	Grades 6 – 8 Fee: \$150
<p>Poems can be found everywhere, especially in our daily lives where we least expect to find them. Through discussions of poetic forms, readings of poems emphasizing life's "little joys", and visits to inspirational spots around town, we will seek out the "little joys" of Winchester and turn them into works of poetry. By the end of the week, students will compile their works into self-created artistic journals of Winchester-inspired poems</p>	
<p><b>Mr. D's Drumming Extravaganza!</b> <i>Paul DeBenedictis</i>  <a href="mailto:pdebenedictis@winchester.k12.ma.us">pdebenedictis@winchester.k12.ma.us</a>            Monday – Friday with two sections:            9am – 11am for grades K, 1, 2            12pm – 2:30pm for grades 3, 4, 5            Location: Lincoln School Auditorium            Minimum 6 – Maximum 10 students per section.</p>	Grades K – 5  Fee: \$115 Fee: \$140
<p>Join me for a week long camp designed for children with an interest in drumming! Hands on activities with a wide array of percussion instruments will give an overview of this fun, multicultural musical genre. This class is designed for all students. Exploring music through percussion can build confidence, develop coordination, attend to sensorial and /or attention / hyperactivity needs, encourage cooperation, nurture creativity, and instill a love for music!</p>	
<p><b>Colonial Crafts</b>, <i>Jeanne Fiorentini</i>  <a href="mailto:jfiorentini@winchester.k12.ma.us">jfiorentini@winchester.k12.ma.us</a>            Monday – Friday 8:30am – 2:30pm            Location: Ambrose Elementary, classroom TBD            Minimum 10 – Maximum 12 students  <i>This is a two week course August 10<sup>th</sup> – August 21<sup>st</sup></i></p>	Grades 4 – 5 *Fee: \$425
<p>Students will be taught several crafts from the Colonial times. Needle work was an important skill for both boys and girls. In this course students will learn the art of candle dipping, and how to churn butter. (Activities will be adjusted appropriately for food allergies.) Clay coil pot construction will be learned. I will include many crafts during this class quilting, cross stitch, paper cut outs, etc. Students will need to be able to manipulate tools well with their hands. No previous experience is needed to take this course. If students enjoy learning arts and crafts they will love this course.</p>	

**Courses for August 10<sup>th</sup> Week continued:**

<p><b>Graphic Novels: From Print to Screen</b>, <i>John Waddell</i>  <a href="mailto:jwaddell@winchester.k12.ma.us">jwaddell@winchester.k12.ma.us</a>  Monday – Friday 9:30am – 12:30pm  Location: Winchester High School, Room B202  Minimum 6 - Maximum of 15 students</p> <p>The purpose of this course is to explore the world of graphic novels in a more thorough and serious fashion. We will examine and analyze the overarching themes and the stylistic qualities of major works of the last 20 years or so, including <u>Watchmen</u>, <u>The League of Extraordinary Gentlemen</u>, <u>Hellboy</u>, <u>Persepolis</u>, and <u>V For Vendetta</u>. Students will also be analyzing the way that these works comment on contemporary American culture in critical and innovative ways and will be discussing the film adaptations of these works, evaluating the strengths and weaknesses of the films and their adherence to the original medium.</p>	<p>Grades 9 – 12  Fee: \$150</p>
--	--------------------------------------

<p><b>America in the Sixties: Finding Ourselves</b>, <i>Suzanne Bolles, Ph.D.</i>  <a href="mailto:sbolles@winchester.k12.ma.us">sbolles@winchester.k12.ma.us</a>  Monday – Friday 9am – 1pm  Location: Winchester High School, Room A210-211  Minimum 10 – Maximum 25 students  <i>This is a two week course August 10<sup>th</sup> – August 21<sup>st</sup></i></p> <p>Explore the revolution that changed America forever in the 1960s. Through the original protest music, films, literature, photography, poetry, political cartoons, and political prose, we will immerse ourselves in this tumultuous decade. We will be hands-on in learning about the Viet Nam War as it divided America with protests and marches; the fight for civil rights to end segregation with sit-ins and freedom rides; the elections of John F. Kennedy, Lyndon B. Johnson, and Richard M. Nixon; the Cuban Missile Crisis and the Cold War; the assassinations of John F. Kennedy, Malcolm X, Martin Luther King, and Robert Kennedy; the launching of the women's movement; the war on poverty in urban and rural America; the rise of the infamous Beat Generation as well as the Hippies and the Age of Aquarius; the astounding summer of '69 known for Woodstock and the moon landing; the birth of today's environmental movement to save our planet; and even more. Love beads and bell bottoms are encouraged! Wear your tie dyed shirt! This class is designed for active learners who love to learn history by examining primary source materials. Students will be expected to participate in discussions of issues, including organized debates and projects.</p>	<p>Grades 9 – 12  Fee: \$400</p>
--	--------------------------------------

## Courses for August 17 Week:

**“Sun”sational Summer Witty Writing, Jillian Dwyer** Grades 4 - 5

[jdwyer@winchester.k12.ma.us](mailto:jdwyer@winchester.k12.ma.us)

Monday – Thursday 8:30am – 12:30pm

Fee: \$160

Location: Vinson Owen Elementary, classroom TBD

Minimum 8 students – Maximum 15

This course is designed for those students who have an interest in capturing their imagination on paper and learners who have an interest in using writing as a form of storytelling, expression, and technique. Students will examine the work of authors and poets to learn more about literary elements such as imagery and descriptive language. Art, music, and sports will serve as just a few writing prompts to help students tell a story, capture mood, and describe motion. A new topic/genre will be explored each day and students will bring home a writing product each day.

## Courses for August 24 Week:

**\*\*Camp Grade Expectations, Janice Serieka & team** Fee: \$200

Monday – Friday times TBD

\*\* Sign up through [jserieka@winchester.k12.ma.us](mailto:jserieka@winchester.k12.ma.us)

Get a jump start on the new school year! Review major concepts from the previous year of school, and preview what will be taught in the year ahead – with an emphasis on coursework for the first weeks of school. For sixth graders, the opportunity to become acquainted with McCall, lockers, and team of teachers is especially helpful!

**Winchester High School Orchestra Summer Camp, Dr. John McCann**

[jmccann@winchester.k12.ma.us](mailto:jmccann@winchester.k12.ma.us)

August 25 and 26 from 6pm – 9pm

Fee: \$75

August 27 pot luck dinner 5:30 and concert at 7:30pm

Location: WHS Music wing and auditorium

*The program will run if 75% of eligible students participate.*

Members of the 2009 – 2010 WHS Orchestra, Sinfonietta and Symphony are invited to prepare for combined ensemble performances with three evenings of rehearsals, sectionals, and spirit building as well as a grand finale performance at 7:30pm on the final evening.

**Course Registration/Sign up**

Please mail course registration form and a check for **payment in full** to:

*Nancy Clark  
Winchester Public Schools  
154 Horn Pond Brook Road  
Winchester, MA 01890*

Please make check payable to: Winchester Public Schools

- For questions re: administration, registration and procedures, please contact:
  - Nancy Clark *email: nclark@winchester.k12.ma.us Phone: 781/721-7001*
- For questions re: course content, a typical class day, and appropriateness for a particular child to be included in a particular course, contact the teacher directly.
- For programs which are over two hours, bring a snack. For programs which are full day, also pack a snack including a beverage.
- You will be notified once your child has been successfully enrolled in a course.

<b>Student Name:</b>	_____	
<b>Address:</b>	_____ _____	
<b>Phone Number:</b>	_____	
<b>Email:</b>	_____	
<b><u>Course Registration:</u></b> (Please fill out a different form for each child in a family)		
<b>Course Name 1:</b>	_____	<b>Fee:</b> _____
<b>Course Date:</b>	_____	
<b>Course Name 2:</b>	_____	<b>Fee:</b> _____
<b>Course Date:</b>	_____	
<b>Course Name 3:</b>	_____	<b>Fee:</b> _____
<b>Course Date:</b>	_____	
<b>Course Name 4:</b>	_____	<b>Fee:</b> _____
<b>Course Date:</b>	_____	
<b>Total Fee Enclosed:</b>	_____	<i>Full payment required for course enrollment.</i>
<b>Parent/Guardian Signature:</b>	_____	