



Sizzlin' Summer

Math and Science Program



2017

ONLINE REGISTRATION IS AVAILABLE @ kamsconline.com

Sizzlin' Summer Registration is now available online!

(Registration starts April 1)

The KAMSC Sizzlin' Summer program now provides parents an easy and convenient way to register and pay for classes online. Parents may pay online using their VISA, Discover, or MasterCard through KPS RevTrak. RevTrak is a national credit card payment processor that is secure for making payments with ease. (Note: your CC statement will display the *RevTrak Online Payments*)

To register for Sizzlin' Summer and pay using your debit or credit card, follow these simple steps:

1. Visit **kamsconline.com** and select the **Sizzlin' Summer** tab
2. Select **KAMSC Sizzlin' Summer Online Registration Link**; this will direct you to the KPS Webstore (RevTrak)
3. Select the class(es) that you'd like to enroll in; complete the required information for each of your children
4. Make a payment using a VISA, Discover, or MasterCard

A receipt of your purchase will be emailed to the address used when setting up your account. To view/print previous online payment(s) or to update login information, please click on *My Account*.

We are still accepting registrations in person or by mail for those who wish to pay with cash or check

Please contact us if you have any questions:

Kalamazoo Area Mathematics and Science Center
600 West Vine Street, Suite 400
Kalamazoo, MI 49008-1153
(269) 337-0004
Office Hours: 7:30am-4:00pm M-F

ATTENTION PARENTS:

PLEASE READ THIS IMPORTANT INFORMATION FIRST!!!

- The Schedule** From the list of classes, find the 2-digit class number of your choice next to the class name. On the Class Schedules chart (pages 12 & 13), locate the 2-digit class number and add the letter and number that designate the time and week that you prefer. Please enter the four characters on your registration form (doesn't apply to online registrations).
Example: 50C6 = (50) Class name, (C) time slot, (6) week # of program
- Academic** Generally our summer classes are designed to provide fun exploration of general concepts for students of average ability, in the grade-levels indicated. Prerequisites are noted in the class descriptions. Exceptions may be made by Sizzlin' Summer staff.
- Location** All classes will be held at the Kalamazoo Area Mathematics and Science Center located on the 4th floor of the CEC building. You may know this as the "old" Central High School or the Chenery Auditorium building. The CEC building address is 714 S. Westnedge Ave.
- Medical** The registration form allows you to indicate if your child has medical needs. Please inform us of any situation that may require medication during the day or that may place limits on outdoor activity, exertion, etc. Please complete the medical form found online at kamsconline.com and submit it with your registration. You may also pick up the medical form at the KAMSC office.
- Tuition** Sizzlin' Summer is a tuition-based program. We strive to keep the cost as low as possible for families. See each class description for the cost.
- Financial Aid** For those who qualify, financial aid is available on a **first-come, first-served basis, and is limited to ONE class per child**. Please complete the application on the back of the registration form and mail or bring it to KAMSC, along with the registration form. If you receive a partial scholarship or are denied assistance, your child's seat can be held for two weeks to allow time for you to mail or bring your payment to KAMSC.
Financial Assistance application deadline is FRIDAY, APRIL 21, 2017!
- Cancellations & Drops** Classes that have fewer than 5 students may be cancelled by the Monday before the class begins. We will notify registrants if a class is cancelled. If it is necessary for you to drop a class, we would appreciate prior notice; the seat could be filled by another student. Please note our refund policy.
- Alternate Classes** If registering in person or by mail, we strongly encourage you to indicate alternate classes that can be used if a class is full, or in the event of a cancellation. If either of these occur, and you have specified an alternate class, your child will automatically be transferred to that class and you will be notified.

Refunds

In order to receive a refund we must be notified in writing. For your convenience the refund form is found on the KAMSC website kamsconline.com, or you may pick one up in the KAMSC office. A processing fee of \$5.00 per class will be charged for all refund requests (except for classes cancelled by KAMSC). **ABSOLUTELY NO REFUNDS WILL BE GIVEN IF YOU DROP A CLASS ON OR AFTER THE FIRST DAY OF CLASS.** Refund processing time varies from 2-4 weeks after KAMSC receives the refund form.

Supervision (before A.M. and after P.M. classes)

- ◆ We will provide A.M. Supervision at a cost of \$30.00 per week (week #2 will be \$18 due to no classes on Tuesday, July 4th and a variance in time). A.M. Students who remain at KAMSC Sizzlin' Summer during lunchtime are expected to stay in the "noon area" while eating and will be supervised at no cost.
- ◆ P.M. Supervision will be provided for students remaining after "C" classes (**until 4:00 PM only**), at a cost of \$20 per week (week #2 will be \$16 due to no classes on Tuesday, July 4th)
- ◆ Supervision is charged per week; there are no daily rates. **Late pickups will be billed at \$5.00 per 1/2 hour.**

Transportation

We encourage you to register with a friend and share the transportation. Please let the teacher know in advance when your child will be leaving with another parent. A signed note is preferred.

Arrival and Dismissal (Dutton Street doors only; students may not use the elevator unless they're with a parent/guardian)

In the morning, there will be student assistants located at the **Dutton Street doors** (up until class start time) to assist children upon arrival and to direct them up the stairs to their classes (not during the A.M. Supervision time). At the end of class, all students are walked down to the **Dutton Street doors**, unless they have another class or P.M. Supervision. All students must be picked up at the **Dutton Street doors** within 15 minutes of their last class of the day.

Parking/ Traffic



If you plan to park and leave your vehicle, **please park in the parking lot** off Dutton Street. There is NO PARKING in the Vine Street parking lot across from KAMSC; this is private parking and you will be towed. In addition, there is no street parking allowed on Vine Street; this is for **school vehicles only**; both areas are closely monitored. Thank you for your cooperation.

- ◆ **Students are to be dropped off and picked up at the Dutton Street doors only.** Building access and supervision are not supplied at any other entrance of the building.
- ◆ **Please do not use the west end building entrance off of Vine Street;** this is an employee entrance only and is a high (vehicle) traffic area which can be quite dangerous for children.

SIZZLIN' SUMMER CLASS DESCRIPTIONS

(Class Schedules start on page 12)

AGES 4 & 5 (K next school year)

#00 Jumpstart Science

1 week / \$45

Class Description: Beginning scientific thinking emphasizing forces and motion. May have outdoor activities. Children should bring their own snacks for the break between #00 and #01 if enrolled for both classes. **Class limit: 15**

Sign up for both #00 and #01 during the same week and pay only \$80

#01 Leapfrog Math

1 week / \$45

Class Description: Based on the popular "Frog and Toad" books for an adventure in counting, sorting and graphing. May have outdoor activities. **Class limit: 15**

#06 Circles of Life

1 week / \$80

Class Description: A full block of science, with math ideas integrated, for children who enjoyed Jumpstart Science and Leapfrog Math and want to explore life cycles of plant, animals and physical phenomena (How long will a ball keep bouncing and what makes it stop) Expect a lot of hands-on exploration and "active" activities. Children may bring a snack for the break. **Class limit: 15**

GRADES 1 & 2 (next school year)

#10 Science Sampler

1 week / \$80

Class Description: Investigate the world through hands-on explorations in several science areas. Topics vary each session, but the experience always includes chances to try science tools such as microscopes. **Class limit: 20**

#11 Teddy Bear Math

1 week / \$80

Class Description: A first look at statistics, logic, measurement and graphing via the lovable teddy bear. Make predictions and generalizations in mathematics while having fun. (Many problems in Teddy Bear Math involve edible materials; please advise the teacher of any food concerns.) **Class limit: 16**

#15 Secret Formulas

1 week / \$80

Class Description: Learn skills and processes of controlled experimentation while creating your own secret formulas for familiar substances. (The experiments in Secret Formulas involve edible materials; please advise the teacher of any food concerns.) **Class limit: 16**

#16 What Makes Me Tick?

1 week / \$80

Class Description: Have you ever wondered what happens to the food you eat, or what's going on when you get sick? What about how we can move? Answer these questions and many more in a class exploring the human body and how it works. **Class limit: 20**

USBORNE BOOK FAIR
(most Tuesdays during Sizzlin' Summer 10am-1pm)



GRADES 1 & 2 (next school year) cont...

Class Schedules start on page 12

#18 Mudpie Science

1 week / \$80

Class Description: A fun, messy exploration of dirt: where it comes from, what it's made of, and what it's good for. Expect outdoor activities and encounters with plants and worms.

Class limit: 20

#19 Shapes and Sizes

1 week / \$80

Class Description: Young mathematicians approach geometry through comparison and measurement of ordinary objects and special shapes. No prerequisite but this class would be great after Teddy Bear math. **Class Limit: 16**

GRADES 2 & 3 (next school year)

#20 Science for Kids

1 week / \$80

Class Description: Junior scientists make discoveries that enhance their understanding of the world, usually in a different area of science each day. While topics vary, expect exciting classroom experiments. **Class limit: 20**

#21 Mathenormous

1 week / \$80

Class Description: This exploration features "big questions": the height of a tree, the distance to the Sun, the length of a dinosaur, and how big a million really is. Improve skills in measurement, counting and place value, as well as "big ideas" **Class limit: 16**

#23 Fun With Physics

1 week / \$80

Class Description: Physics ideas through fun! Force, energy and gravity are all explored as students investigate balloons, rockets, playground equipment and toys. **Class limit: 20**

#25 Kitchen Chemistry

2 weeks / \$110

Class Description: An introduction to basic chemistry concepts, strengthening students' observing, experimenting, and predicting skills through simple experiments with safe, familiar foods and substances. **Class limit: 20**

#26 Bug Science

2 weeks / \$110

Class Description: Explore the fascinating world of insects! Learn to identify the heroes and villains of the great outdoors. Expect close-up encounters with your arthropod friends plus an exciting combination of outdoor activities, expert visitors, and field trips. **Class limit: 20**

#27 Mystery Science

1 week / \$80

Class Description: A missing toy mystery involves students in stretching their observation and experimentation skills to find a solution. **Class limit: 20**

#28 Rock Science

1 week / \$80

Class Description: What's Planet Earth made of? Find out in a one-week look at rocks, minerals and fossils, and the systems that keep our planet going. **Class limit: 20**

#29 Color My World!

1 week / \$80

Class Description: An exciting investigation of color, including such curiosities as blue sky and rainbow bubbles. Explorations of light and pigment lead to greater understanding of how red, blue and yellow create the thousands of colors we can see. **Class limit: 20**

GRADES 3, 4 & 5 (next school year)

Class Schedules start on page 12

#30 Bubbleology

1 week / \$75

Class Description: Practice lab skills and explore the chemistry and physics of films and bubbles while having a lot of good, clean fun. **Class limit: 24**

#31 Think Math

1 week / \$75

Class Description: Learn new techniques for problem solving while "playing math" with fun problems, brainteasers and games. **Class limit: 18**

#32 LOGO

2 weeks / \$110

Class Description: Youngsters try out real programming with a fun visual language. Learn basic commands, then experiment with variables, sound, and color. No previous computer experience required, but 3rd grade reading level is recommended. **Class limit: 16**

#33 Electricity and Magnetism

1 week / \$75

Class Description: In a series of stimulating activities, explore the magic of electricity and magnetism through hands-on experiments and explorations. **Class limit: 24**

#34 Beginning LEGO

1 week / \$75

Class Description: A study of simple machines, physical science and problem solving. Students explore important concepts in mechanics while designing and building several simple LEGO "Technic" models. **Class limit: 20**

#35 Science for Magicians

1 week / \$75

Class Description: Alakazam! This class will discover the science explanations behind experiments and tricks that LOOK like pure magic. You'll find out how "science magic" works, and learn experiments that can be replicated easily at home to amaze your friends!

Class limit: 24

#36 Critters

2 weeks / \$100

Class Description: Explore the lives of a variety of animals including reptiles and small mammals, in the lab and in the field. May include field trips, and human and/or animal visitors. (Please advise us of any animal allergies). **Class limit: 24**

#37 Blood and Guts

1 week / \$75

Class Description: Become a "gross-ologist" about your body, including digestive and circulatory systems and immunity. This class would make a great follow-up to #16 "What Makes Me Tick" but is designed to stand alone. **Class limit: 24**

#38 Kompassing for Kids

1 week / \$75

Class Description: How do you keep from getting lost? Young navigators explore orienteering, map reading and the basics of land, air and water navigation. Students will build simple compasses. **Class limit: 24**

GRADES 4, 5 & 6 (next school year)

#40 Energy in Motion

1 week / \$75

Class Description: Learn about different kinds of energy and design your own Rube Goldberg device! While designed to stand alone, this class is a great follow-up for students who enjoyed #23 Fun with Physics. **Class limit: 24**

#41 Puzzles & Patterns

1 week / \$75

Class Description: A fun hands-on approach to problem-solving and algebra thinking using rules, patterns, and sequences found in numbers. **Class limit: 20**

GRADES 4, 5 & 6 (next school year) cont...

Class Schedules start on page 12

#42 Video Game Creators

2 weeks / \$100

Class Description: Love video games? Have a million ideas for your own games but don't know where to start? Learn the ins and outs of making a great video game and bring your ideas into reality with the free program *Scratch*. **Class limit: 20**

#43 Intermediate LEGO

1 week / \$75

Class Description: This class adds battery-powered motors to LEGO models, developing construction and problem-solving skills, mechanical principles, and fundamental concepts of technology. **Class limit: 16**

#44 Advanced LEGO

2 weeks / \$100

Class Description: Programming in a version of the LOGO language enables you to use the computer to control the motorized actions of your LEGO models. **Prerequisite:** Beginning or Intermediate LEGO. **Class limit: 16**

#45 Molecules and Materials

2 weeks / \$100

Class Description: Explore the chemistry of what things are made of, beginning with molecules and including many lab investigations! Students who enjoyed Kitchen Chemistry will love "M & M", but previous Kitchen Chemistry is not required. **Class limit: 24**

#48 Earth Works

2 weeks / \$100

Class Description: Explore planetary systems from the smallish (local weather) to the HUGE (continental drift) and find out how the world works! May include field trips or professional visits. **Class limit: 24**

#49 Science for Artists

2 weeks / \$100

Class Description: Explore color in light and pigment, sharpen observation and experimentation skills with experiments and art activities exploring the relationship between science and art. There will be several take-home projects. **Class limit: 24**

GRADES 5, 6 & 7 (next school year)

#50 Science for Detectives

2 weeks / \$100

Class Description: Learn how detectives and police officers use scientific skills to solve mysteries. Use observation, deductive and inductive reasoning, and lab techniques to examine different kinds of evidence. Final project is a simulated crime scene analysis.

Class limit: 24

#51 Origami Geometry

1 week / \$75

Class Description: Explore mathematical concepts through the ancient Japanese art of paper folding. Investigate lines, angles, symmetry and transformations in polyhedra and other fantastic paper creations. **Class limit: 12**

#52 Your Own Webpage I

2 weeks / \$100

Class Description: Put your thoughts out there and learn html at the same time. Students will end up with a personal presence on the web and the skills to do more. Older students and adults welcome. **Class limit: 24**

#53 Up, Up, and Away

2 weeks / \$100

Class Description: Use science, mathematics and plenty of intuition to design and build things that fly! Study the aerodynamics of flight, from its beginnings with kites and balloons, through current airplane flight as well as the future of aeronautics. **Class limit: 24**

GRADES 5, 6 & 7 (next school year) cont...

Class Schedules start on page 12

#54 Rocketry I

2 weeks / \$100

Class Description: Construct and launch several styles of rockets! Analyze the effect of angle, payload, surface area, and rocket structure on the rocket launch and flight. You may have the opportunity to experiment with rocket structure and design. **Class limit: 24**

#58 Geocaching

1 week / \$85

Class Description: In this class students will experience the growing sport of geocaching and learn about navigating with a GPS (Global Positioning System). Students will use a handheld GPS to search the Kalamazoo area for secret treasures (geocaches) that are hidden by local Geocaching enthusiasts. Both seasoned Geocachers and beginners are welcome to join the hunt! **Class limit: 24**

#59 Architecture and Math I

2 weeks / \$100

Class Description: Learn about blueprints, scaled drawings, and the cost of construction. Each student is given a budget to purchase construction materials and landscape supplies to build a model of their dream home. **Class limit: 24**

GRADES 6, 7 & 8 (next school year)

#61 Mathbenders

1 week / \$75

Class Description: Here's your chance to explore algebra thinking, equations, and problem-solving techniques such as estimation, patterns and graphing—and learn more fun math games and tricks. **Class limit: 20**

#62 i-Movie

2 weeks / \$110

Class Description: You will learn how to create your own original movies with easy-to-use iMovie software on the Macintosh. Participants will learn how to plan and shoot video clips, use video equipment, create and edit background music, and put it all together into a movie that can be shown in DVD format. A DV camcorder is not necessary but is welcomed if you are able to bring one to class. **Class limit: 20**

#63 Ultimate LEGO

2 weeks / \$100

Class Description: This is your class if you had Advanced LEGO and wished for more. Further explore the computer control possibilities for LEGO models using a LOGO language on PC's. **Prerequisite:** This class is designed for students who have completed #44 Advanced LEGO. **Class limit: 16**

#66 Aquatic Biology

2 weeks / \$100

Class Description: Build sampling, identification, and microscope skills studying the samples you bring back from this field-based investigation of freshwater ecosystems. Includes several field trips. **Class limit: 24**

#70 Rocketry II

2weeks/ \$100

Class Description: This class features more advanced rockets, design problems, and figuring out how high your rocket will go and where it will land. **Prerequisite:** #54 Rocketry I or have previous model rocket experience. **Class limit: 24**

GRADES 7 through 12 (next school year)

Class Schedules start on page 12

#72 Your Own Webpage II

2 weeks / \$100

Class Description: Keep up with the constantly changing internet. Learn the newest web design techniques and harness powerful programming languages to bring your website to life. Prerequisite: This class is best for students with #52 Your Own Webpage or other previous web experience. **Class limit: 24**

#73 Power the World

1 week / \$75

Class Description: Investigate ideas and applications of emerging forms of energy production, including but not limited to solar, wind and geothermal, and career potential in these fields. May include professional visitors and a field trip. **Class limit: 24**

#74 Woodshop Robotics

2 weeks / \$100

Class Description: An exploration of mechanical technology involving problem-solving experiences in functional engineering, material and hardware, and useful experiences with power tools. Projects include a non-electrical robot arm. **Class limit: 24**

#75 Chemical Creations

2 weeks / \$100

Class Description: Perform chemistry experiments to develop & enhance laboratory techniques! Begins with a thorough but exciting investigation in density & moves into advanced topics such as polymer chemistry & superconductivity. **Class limit: 24**

#77 Backyard Astronomy

2 weeks / \$100

Class Description: Explore the fascinating universe of Astronomy, from our own solar system to mysterious objects billions of light years away! Students will learn constellations of our night sky and the rich history behind them. Highlights include a night observation if weather permits. **Class limit: 24**

#79 Science of Photography

1 week / \$85

Class Description: Explore the science of light through photography! Build your own camera and develop your pictures for a fun hands-on experience with the physics and chemistry of photography. **Class limit: 24**

#80 Forensic Science

2 weeks / \$100

Class Description: A follow up class to #50 Science for Detectives. This class provides an exciting and challenging look into the mysteries of evidence analysis. "Veteran" detectives will love this class, but #50 is not a prerequisite. **Class limit: 24**

#82 Animation I

2 weeks / \$100

Class Description: Learn the basic principles of 2D and 3D animation. Students will learn and apply techniques used in both forms of animation and will have a greater understanding of how animated projects are created from start to finish. **Class Limit: 20**

#83 Discover Electronics

1 week / \$75

Class Description: A quick course in how it all works, including such components as transistors, capacitors and integrated circuits. Students can expect to make a circuit board and build a least one great gadget to keep. **Class limit: 24**

GRADES 8 through 12 (next school year)

Class Schedules start on page 12

#86 Human Biology

2 weeks / \$100

Class Description: This survey of how the human body works includes lots of hands-on lab work and an overview of health careers including at least one medical field trip.

Class limit: 24

#88 Introduction to Programming I

1 week / \$75

Class Description: Learn programming concepts creating visible programs using onscreen objects. No previous exposure to programming required. **Class limit:** 24

Sign up for both #88 and #89 and pay only \$100.00

#89 Introduction to Programming II

1 week / \$75

Class Description: A continuation of Part I. Learn additional programming concepts by creating objects in a 3D micro world. **Prerequisite:** Introduction to Programming I.

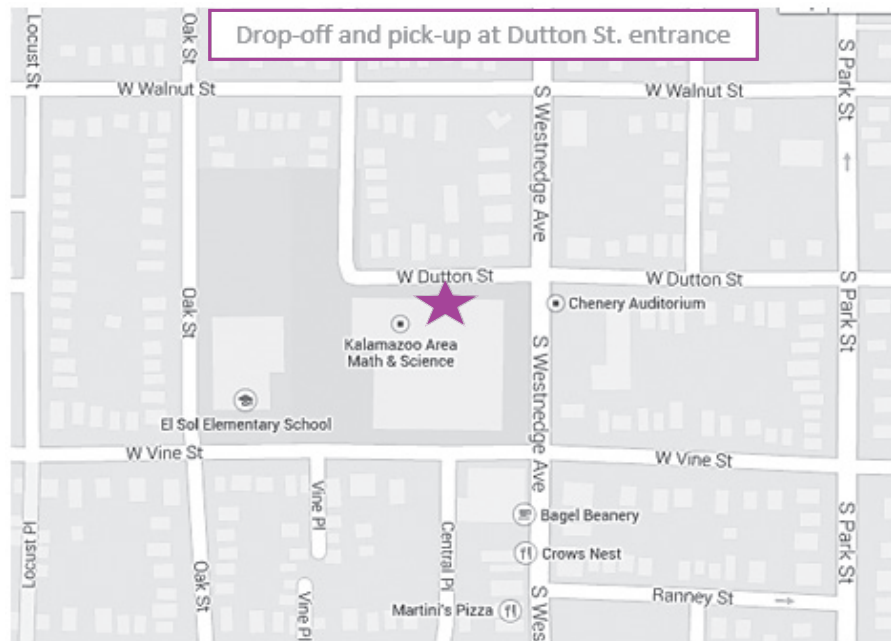
Class limit: 24

#98 Introduction to Programming III

2 weeks / \$100

Class Description: Further adventures in programming, continuing from the material of #88-89 Introduction to Programming I-II. Prerequisite: #88 and #89 preferred; if you feel you have equivalent experience with computer programming we will put you in touch with an instructor. **Class limit:** 24

Please refer to the *Class Schedules* (found on pages 12 & 13) to determine the dates and times that each class is offered



CLASS SCHEDULES

#	Time	Week	Course Name	Dates	Time
00	B	1	Jumpstart Science	6/26-6/30	10:15-11:10 AM
00	C	3	Jumpstart Science	7/10-7/14	1:00-1:55 PM
00	A	5	Jumpstart Science	7/24-7/28	8:00-8:55 AM
01	B	1	Leapfrog Math	6/26-6/30	11:20 AM-12:15 PM
01	C	3	Leapfrog Math	7/10-7/14	2:05-3:00 PM
01	A	5	Leapfrog Math	7/24-7/28	9:05-10:00 AM
SIGN UP FOR BOTH #00 AND #01 DURING THE SAME WEEK AND PAY ONLY \$80.00!					
06	B	4	Circles of Life	7/17-7/21	10:15 AM-12:15 PM
06	B	6	Circles of Life	7/31-8/4	10:15 AM-12:15 PM
10	A	4	Science Sampler	7/17-7/21	8:00-10:00 AM
10	B	5	Science Sampler	7/24-7/28	10:15-12:15 PM
11	C	1	Teddy Bear Math	6/26-6/30	1:00-3:00 PM
11	B	2	Teddy Bear Math (M,W,TH,F)	7/3, 7/5, 7/6, 7/7	9:30 AM -12:00 PM
11	A	6	Teddy Bear Math	7/31-8/4	8:00-10:00 AM
15	C	2	Secret Formulas (M,W,TH,F)	7/3, 7/5, 7/6, 7/7	12:30-3:00 PM
15	C	5	Secret Formulas	7/24-7/28	1:00-3:00 PM
16	B	3	What Makes Me Tick?	7/10-7/14	10:15 AM-12:15 PM
16	C	4	What Makes Me Tick?	7/17-7/21	1:00-3:00 PM
18	C	6	Mudpie Science	7/31-8/4	1:00-3:00 PM
19	C	1	Shapes and Sizes	6/26-6/30	1:00-3:00 PM
19	B	3	Shapes and Sizes	7/10-7/14	10:15 AM-12:15 PM
20	B	1	Science for Kids	6/26-6/30	10:15 AM-12:15 PM
20	C	5	Science for Kids	7/24-7/28	1:00-3:00 PM
21	C	2	Mathenormous	7/3, 7/5, 7/6, 7/7	12:30-3:00 PM
21	B	4	Mathenormous	7/17-7/21	10:15 AM-12:15 PM
23	B	3	Fun with Physics	7/10-7/14	10:15 AM-12:15 PM
23	C	5	Fun with Physics	7/24-7/28	1:00-3:00 PM
25	C	1	Kitchen Chemistry	6/26-7/7	***
26	B	1	Bug Science	6/26-7/7	**
27	C	4	Mystery Science	7/17-7/21	1:00-3:00 PM
27	C	6	Mystery Science	7/31-8/4	1:00-3:00 PM
28	C	1	Rock Science	6/26-6/30	1:00-3:00 PM
28	B	5	Rock Science	7/24-7/28	10:15 AM-12:15 PM
29	C	6	Color My World	7/31-8/4	1:00-3:00 PM
30	B	4	Bubbleology	7/17-7/21	10:15 AM-12:15 PM
30	B	6	Bubbleology	7/31-8/4	10:15 AM-12:15 PM
31	C	3	Think Math	7/10-7/14	1:00-3:00 PM
31	B	6	Think Math	7/31-8/4	10:15 AM-12:15 PM
32	C	5	LOGO	7/24-8/4	1:00-3:00 PM
33	B	2	Electricity and Magnetism	7/3, 7/5, 7/6, 7/7	9:30 AM-12:00 PM
33	C	3	Electricity and Magnetism	7/10-7/14	1:00-3:00 PM
34	B	1	Beginning LEGO	6/26-6/30	10:15 AM-12:15 PM
34	C	2	Beginning LEGO	7/3, 7/5, 7/6, 7/7	12:30-3:00 PM
34	B	3	Beginning LEGO	7/10-7/14	10:15 AM-12:15 PM
35	B	2	Science for Magicians	7/3, 7/5, 7/6, 7/7	9:30 AM-12:00 PM
35	B	4	Science for Magicians	7/17-7/21	10:15 AM-12:15 PM
36	C	3	Critters	7/10-7/21	1:00-3:00 PM
37	B	3	Blood and Guts	7/10-7/14	10:15 AM-12:15 PM
37	C	4	Blood and Guts	7/17-7/21	1:00-3:00 PM
38	C	6	Kompassing for Kids	7/31-8/4	1:00-3:00 PM
40	C	1	Energy in Motion	6/26-6/30	1:00-3:00 PM

CLASS SCHEDULES cont...

#	Time	Week	Course Name	Dates	Times
40	B	4	Energy in Motion	7/17-7/21	10:15 AM-12:15 PM
41	B	1	Puzzles and Patterns	6/26-6/30	10:15 AM-12:15 PM
41	C	5	Puzzles and Patterns	7/24-7/28	1:00-3:00 PM
42	C	1	Video Game Creators	6/26-7/7	***
42	A	5	Video Game Creators	7/24-8/4	8:00-10:00 AM
42	B	5	Video Game Creators	7/24-8/4	10:15 AM-12:15 PM
43	B	1	Intermediate LEGO	6/26-6/30	10:15 AM-12:15 PM
43	C	2	Intermediate LEGO	7/3, 7/5, 7/6, 7/7	12:30-3:00 PM
44	C	3	Advanced LEGO	7/10-7/21	1:00-3:00 PM
45	C	3	Molecules and Materials	7/10-7/21	1:00-3:00 PM
48	C	5	Earth Works	7/24-8/4	1:00-3:00 PM
49	B	3	Science for Artists	7/10-7/21	10:15 AM-12:15 PM
50	B	5	Science for Detectives	7/24-8/4	10:15 AM-12:15 PM
51	B	2	Origami Geometry	7/3, 7/5, 7/6, 7/7	9:30 AM -12:00 PM
51	C	4	Origami Geometry	7/17-7/21	1:00-3:00 PM
51	C	6	Origami Geometry	7/31-8/4	1:00-3:00 PM
52	B	1	Your Own Webpage I	6/26-7/7	**
53	A	3	Up, Up and Away	7/10-7/21	8:00-10:00 AM
54	B	1	Rocketry I	6/26-7/7	**
58	B	2	Geocaching	7/3, 7/5, 7/6, 7/7	9:30-12:00 PM
59	B	5	Architecture and Math I	7/24-8/4	10:15 AM-12:15 PM
61	B	5	Mathbenders	7/24-7/28	10:15 AM-12:15 PM
62	C	1	i-Movie	6/26-7/7	***
62	B	5	i-Movie	7/24-8/4	10:15 AM-12:15 PM
63	C	5	Ultimate LEGO	7/24-8/4	1:00-3:00 PM
66	C	1	Aquatic Biology	6/26-7/7	***
70	B	3	Rocketry II	7/10-7/21	10:15 AM-12:15 PM
72	B	3	Your Own Webpage II	7/10-7/21	10:15 AM-12:15 PM
73	B	5	Power the World	7/24-7/28	10:15 AM-12:15 PM
74	C	1	Woodshop Robotics	6/26-7/7	***
75	A	5	Chemical Creations	7/24-8/4	8:00-10:00 AM
77	C	3	Backyard Astronomy	7/10-7/21	1:00-3:00 PM
79	C	5	Science of Photography	7/24-7/28	1:00-3:00 PM
80	C	5	Forensic Science	7/24-8/4	1:00-3:00 PM
82	C	5	Animation	7/24-8/4	1:00-3:00 PM
83	C	3	Intro Electronics	7/10-7/14	1:00-3:00 PM
83	B	6	Intro Electronics	7/31-8/4	10:15 AM-12:15 PM
86	B	5	Human Biology	7/24-8/4	10:15 AM-12:15 PM
88	A	3	Introduction to Programming I	7/10-7/14	8:00-10:00 AM
89	A	4	Introduction to Programming II	7/17-7/21	8:00-10:00 AM
SIGN UP FOR BOTH #88 AND #89 AND PAY ONLY \$100.00!					
98	A	5	Introduction to Programming III	7/24-8/4	8:00-10:00 AM
		**	B1 2-Week classes first week	6/26-6/30	10:15 AM -12:15 PM
			B1 2-Week classes second week	7/3, 7/5, 7/6, 7/7	9:30 AM -12:00 PM
		***	C1 2-Week classes first week	6/26-6/30	1:00 - 3:00 PM
			C1 2-Week classes second week	7/3, 7/5, 7/6, 7/7	12:30 - 3:00 PM

**(NOTE: AM & PM SUPERVISION SCHEDULES
CAN BE FOUND ON THE NEXT PAGE)**

AM SUPERVISION

#	Time	Week	Course Name	Dates	Time
08	A	1	AM Supervision	6/26-6/30	8:00-10:00 AM
08	A	2	AM Supervision	7/3, 7/5, 7/6, 7/7	8:00-9:30 AM
08	A	3	AM Supervision	7/10-7/14	8:00-10:00 AM
08	A	4	AM Supervision	7/17-7/21	8:00-10:00 AM
08	A	5	AM Supervision	7/24-7/28	8:00-10:00 AM
08	A	6	AM Supervision	7/31-8/4	8:00-10:00 AM

PM SUPERVISION

#	Time	Week	Course Name	Dates	Time
03	C	1	PM Supervision	6/26-6/30	3:00-4:00 PM
03	C	2	PM Supervision	7/3, 7/5, 7/6, 7/7	3:00-4:00 PM
03	C	3	PM Supervision	7/10-7/14	3:00-4:00 PM
03	C	4	PM Supervision	7/17-7/21	3:00-4:00 PM
03	C	5	PM Supervision	7/24-7/28	3:00-4:00 PM
03	C	6	PM Supervision	7/31-8/4	3:00-4:00 PM

Introducing the 2017 KAMSC Sizzlin' Summer T-Shirt Design!!

This is the design created by Rosario Montero last summer
that will appear on the 2017 t-shirts.
Kids: during the summer we will share with you how you can submit



Each week, **t-shirt orders & payments will be collected by the teachers on the first Monday of class** and shirts will be delivered to the classes on Friday of that week. The t-shirt is available in sizes *Youth Small* through *Adult XL*. You will find the order form on page 19 of this book. Or, you may download the t-shirt order form that can be found via the KAMSC website at kamsconline.com. (Please do not send in your order form before your child's class starts on Monday; the order forms will be collected by your child's teacher every Monday)

KAMSC SIZZLIN' SUMMER 2017 REGISTRATION FORM

INCOMPLETE FORMS WILL BE RETURNED AND MAY DELAY YOUR REGISTRATION

Student Name: _____

Home Address: _____

City: _____ State: _____ Zip: _____

Student's School Next Fall _____ Grade Level _____

Parent/Guardian Names: _____

Email: _____

Phone: (H) _____ (W) _____ (C) _____

◆ MEDICAL INFORMATION ◆

Does the student have any special medical conditions that we should be aware of? Y N
Please explain: _____

Gender:	<input type="checkbox"/> Female	<input type="checkbox"/> Male	Is student Hispanic/Latino?	<input type="checkbox"/> Yes	<input type="checkbox"/> No
Race:	<input type="checkbox"/> American Indian/Alaska Na-	<input type="checkbox"/> tive	<input type="checkbox"/> Asian	<input type="checkbox"/> Black/	
African-	<input type="checkbox"/> American				

Class Name: _____	Reg# _____	Cost: \$ _____
Class Name: _____	Reg# _____	Cost: \$ _____
Class Name: _____	Reg# _____	Cost: \$ _____
Class Name: _____	Reg# _____	Cost: \$ _____
		Total: \$ _____
Alternate Course: _____	Reg# _____	Cost: \$ _____

I consent to KAMSC, its representatives, and/or representatives of the news media to videotape and photograph my child's image and/or voice for use in research education and public service programs. I understand and agree that these audio, video, film and/or print images may be edited, duplicated, distributed, reproduced, reformatted, and translated into other languages in any manner without payment or additional fees, in perpetuity.

Parent/Guardian _____ Date ____/____/____

I am applying for financial aid (see form on the back of this registration) Yes No

I would like to contribute to the financial aid fund for Sizzlin' Summer Yes \$ _____

Office Use Only

Date Rec'd. _____	Amt. Rec'd. \$ _____	<input type="checkbox"/> CC	<input type="checkbox"/> Cash	<input type="checkbox"/> Check
Name on Check: _____	Check # _____	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>

CLASS REGISTRATION

- Register online, in person, or by mail (NO telephone registrations please)
- One child per registration form** (feel free to make photocopies)
- Full payment is expected at the time of registration
- There will be a service charge for all returned checks

Please make checks payable to: **KAMSC Sizzlin' Summer**

Please mail to: **KAMSC**
600 W. Vine Street, Suite 400
Kalamazoo MI 49008

Questions? Call (269) 337-0004

FINANCIAL ASSISTANCE APPLICATION

FOR LOW INCOME FAMILIES

Deadline: April 21, 2017

Please mail or bring this completed application along with your class registration form to the KAMSC office*

Student's Name: _____

Student's School: _____

What is the number of family members in your immediate family _____

Average Weekly Family Income: \$ _____ **OR**

Average Monthly Family Income: \$ _____



***Funding is limited; students who qualify are registered on a first-come, first-served basis.**

Financial assistance is limited to one (1) class per child.

KAMSC SIZZLIN' SUMMER 2017 REGISTRATION FORM

INCOMPLETE FORMS WILL BE RETURNED AND MAY DELAY YOUR REGISTRATION

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City: _____ State: _____ Zip: _____

Student's School Next Fall _____ Grade Level _____

Parent/Guardian Names: _____

Email: _____

Phone: (H) _____ (W) _____ (C) _____

◆ MEDICAL INFORMATION ◆

Does the student have any special medical conditions that we should be aware of? **Y N**

Gender: <input type="checkbox"/> Female <input type="checkbox"/> Male	Is student Hispanic/Latino? <input type="checkbox"/> Yes <input type="checkbox"/> No
Race: <input type="checkbox"/> African-American <input type="checkbox"/> American Indian/Alaska	<input type="checkbox"/> Native <input type="checkbox"/> Asian <input type="checkbox"/> Black/

Class Name: _____	Reg# _____	Cost: \$ _____
Class Name: _____	Reg# _____	Cost: \$ _____
Class Name: _____	Reg# _____	Cost: \$ _____
Class Name: _____	Reg# _____	Cost: \$ _____
		Total: \$ _____
Alternate Course: _____	Reg# _____	Cost: \$ _____

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Office Use Only

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Name on Check: _____	Check # _____	<input type="checkbox"/> _____ <input type="checkbox"/> _____ <input type="checkbox"/> _____ <input type="checkbox"/> _____

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Financial assistance is limited to one (1) class per child.

T- Shirt Order Form

(orders & payments may be turned in to your child's teacher on the first Monday of their class; shirts will be delivered



T-shirt design by
Rosario Montero
We'll tell you how you can
submit your design for
2018 !!

Student Name: _____

What is the name of your first Sizzlin' Summer class that you're attending this summer?

Lime Green Shirts with Dark Purple Print

(Please do not send your t-shirt order form in with your class registration)

Turn in your t-shirt order form & payment to your teacher on the Monday of your first class.

Shirts will be delivered to each classroom on Friday. (Late orders will be added to the following weeks order and will be available for pickup the following Friday.)

Quantity/Size	_____	Youth S (6-8)	_____	Youth M (10-12)
	_____	Adult S	_____	Adult M
	_____	Adult L	_____	Adult XL
# of Shirts	_____	X 12.50 Each =	_____	Amount Enclosed

OFFICE USE ONLY

Date Rec'd. _____

Cash Amount \$ _____

Check # _____

Check Amt. \$ _____

*Kalamazoo Area Math & Science Center
600 West Vine Street, Suite 400
Kalamazoo, MI 49008-1203*

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