

2008 COMPUTER EXPLORERS Summer Camp Schedule

ALL ENROLLMENT is handled through the Contact Information listed beside each camp. Please call the appropriate contact to enroll. For other information, call 662-890-6330.

Updated: 05/14/08

Class	Location	Date	Times	Grades	Contact Info		
Technical Treasure Hunt	Briarcrest Christian School	June 9,10,12,13	8:00-11:00	3rd -6th	www.briarcrest.com	Jeannie Potts	901-517-1848
3D Fun using Lego	Briarcrest Christian School	June 16,17,19,20	9:00-11:00	SK-2nd	www.briarcrest.com	Jeannie Potts	901-517-1848
3D Fun using Lego	Briarcrest Christian School	June 16,17,19,20	12:00-2:00	SK-2nd	www.briarcrest.com	Jeannie Potts	901-517-1848
Art Into Action	Briarcrest Christian School	June 16,17,19,20	1:30-4:30	3rd -6th	www.briarcrest.com	Jeannie Potts	901-517-1848
Dino Dig	Briarcrest Christian School	June 30,July 1,2,3	9:00-11:00	SK-2nd	www.briarcrest.com	Jeannie Potts	901-517-1848
Dino Dig	Briarcrest Christian School	June 30,July 1,2,3	1:00-3:00	SK-2nd	www.briarcrest.com	Jeannie Potts	901-517-1848
Alien Invasion Robotics	Briarcrest Christian School	July 7,8,10,11	1:30-4:30	3rd -6th	www.briarcrest.com	Jeannie Potts	901-517-1848
Dino Dig	Harding Academy	June 9-12	8:30-10:30	SK-2nd	www.hardinglions.org	Sheryl Ragland	901-322-3016
Alien Invasion Robotics	Harding Academy	June 9-13	8:30-10:30	3rd -6th	www.hardinglions.org	Sheryl Ragland	901-322-3016
Fungineering	Harding Academy	June 30,July 1,2,3	8:30-10:30	SK-2nd	www.hardinglions.org	Sheryl Ragland	901-322-3016
Video Game Design I	Harding Academy	June 30,July 1,2,3	9:00-12:00	3rd -6th	www.hardinglions.org	Sheryl Ragland	901-322-3016
Art Into Action	Harding Academy	July 7-11	8:30-10:30	3rd -6th	www.hardinglions.org	Sheryl Ragland	901-322-3016
3D Fun using Lego	Harding Academy	July 14-17	8:30-10:30	SK-2nd	www.hardinglions.org	Sheryl Ragland	901-322-3016
Video Game Design II	Harding Academy	July 14-17	9:00-12:00	3rd -6th	www.hardinglions.org	Sheryl Ragland	901-322-3016
Fungineering	John Wade's Karate & Gymnastics	June 3-6	9:00-11:00	SK-2nd	www.computerexplorers.com/memphis	Mark Dye	662-890-6330
Video Game Animation Basics	John Wade's Karate & Gymnastics	June 3-6	1:00-4:00	2nd-4th	www.computerexplorers.com/memphis	Mark Dye	662-890-6330
3D Fun using Lego	John Wade's Karate & Gymnastics	June 10-13	9:00-11:00	SK-2nd	www.computerexplorers.com/memphis	Mark Dye	662-890-6330
Video Game Design I	John Wade's Karate & Gymnastics	June 10-13	1:00-4:00	3rd-6th	www.computerexplorers.com/memphis	Mark Dye	662-890-6330
007 Secret Agent Camp	John Wade's Karate & Gymnastics	June 17-20	9:00-12:00	2nd-6th	www.computerexplorers.com/memphis	Mark Dye	662-890-6330
Photo Phrenzy	John Wade's Karate & Gymnastics	June 17-20	1:00-3:00	SK-2nd	www.computerexplorers.com/memphis	Mark Dye	662-860-6330
Alien Invasion Robotics	John Wade's Karate & Gymnastics	June 24-27	9:00-12:00	3rd-6th	www.computerexplorers.com/memphis	Mark Dye	662-890-6330
Dino Dig	John Wade's Karate & Gymnastics	June 24-27	1:00-3:00	SK-2nd	www.computerexplorers.com/memphis	Mark Dye	662-890-6330
3D Fun using Lego	John Wade's Karate & Gymnastics	July 8-11	9:00-11:00	SK-2nd	www.computerexplorers.com/memphis	Mark Dye	662-890-6330
Fungineering	John Wade's Karate & Gymnastics	July 15-18	9:00-11:00	SK-2nd	www.computerexplorers.com/memphis	Mark Dye	662-890-6330
007 Secret Agent Camp	John Wade's Karate & Gymnastics	July 15-18	1:00-4:00	2nd-6th	www.computerexplorers.com/memphis	Mark Dye	662-890-6330

Classes Subject to Change.

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Class	Location	Date	Times	Grades	Contact Info		
Dino Dig	John Wade's Karate & Gymnastics	July 22-25	9:00-11:00	SK-2nd	www.computerexplorers.com/memphis	Mark Dye	662-890-6330
Art Into Action	John Wade's Karate & Gymnastics	July 22-25	1:00-4:00	3rd -6th	www.computerexplorers.com/memphis	Mark Dye	662-890-6330
Video Game Design II	John Wade's Karate & Gymnastics	July 29-Aug 1	9:00-12:00	3rd -6th	www.computerexplorers.com/memphis	Mark Dye	662-890-6330
Photo Phrenzy	John Wade's Karate & Gymnastics	July 29-Aug 1	1:00-3:00	SK-2nd	www.computerexplorers.com/memphis	Mark Dye	662-890-6330
Dino Dig	Northwest Community College	June 2-5	9:00-11:00	SK-2nd	www.northwestms.edu/	Patricia Lowder	662-562-3349
007 Secret Agent Camp	Northwest Community College	June 2-5	1:00-4:00	2nd-6th	www.northwestms.edu/	Patricia Lowder	662-562-3349
Art Into Action	Northwest Community College	June 23-26	1:00-4:00	3rd -6th	www.northwestms.edu/	Patricia Lowder	662-562-3349
Video Game Design I	St. George's Independent School	June 16-19	8:30-11:30	3rd -6th	www.stgeorgesschools.org	Kellie Hanlon	901-261-2342
Dino Dig	St. George's Independent School	June 16-19	12:00-2:00	SK-2nd	www.stgeorgesschools.org	Kellie Hanlon	901-261-2342
Video Game Design II	St. George's Independent School	June 23-26	8:30-11:30	3rd -6th	www.stgeorgesschools.org	Kellie Hanlon	901-261-2342
Fungineering	St. George's Independent School	June 23-26	12:00-2:00	SK-2nd	www.stgeorgesschools.org	Kellie Hanlon	901-261-2342
Technical Treasure Hunt	St. George's Independent School	July 21-24	8:30-11:30	3rd -6th	www.stgeorgesschools.org	Kellie Hanlon	901-261-2342
3D Fun using Lego	St. Mary's Episcopal School	June 30, July 1,2,3	9:00-11:00	SK-2nd	www.stmarysschool.org	Linda Clark	901-537-1482
Art Into Action	St. Mary's Episcopal School	June 30, July 1,2,3	12:00-3:00	3rd -6th	www.stmarysschool.org	Linda Clark	901-537-1482

Classes Subject to Change.



Ages 5-7

(Entering Senior Kindergarten through Entering Second Grade)

Fngineering*

Explore the world of science and robotics

- ❖ Learn **programming concepts** using Roamer the Robot
- ❖ Become a CSI investigator using our **digital microscope**
- ❖ Build and Construct simple machines using educational **Lego products**



Dino Dig – NEW!

Beginning paleontologists learn about dinosaurs and the techniques used in extracting fossils in this hands-on class. Go on your own fossil dig, analyze and assemble skeleton pieces, produce a fossil reconstruction, create a mural... and take home a movie documentary of your discoveries!



Photo Phrenzy

Take fun and fancy pictures then turn them into works of art with our photo editing software. You can morph your self into a crazy creature, put your face on a puppet, and much more!



3D Fun using Lego®*

Children hear the term “3D” all the time, yet they usually cannot explain it. This class will help them understand spatial relations through **Dimension** and **Scale**. Students will use Lego® to build and accessorize houses in two different scales and will work together to even make an entire town. The course also covers reflection,



symmetry and rotation as well as proper building techniques such as staggering and stacking. This is a great way to introduce building to young students! Don't just play with Lego, LEARN with them.



007 Secret Agent Camp using Lego® - We also accept entering **second graders** in this class. Children become detectives going on missions to solve high-tech crimes and bring criminals to justice using Lego Spybotics®. How would your child like assembling a robot and using technology to save the world?

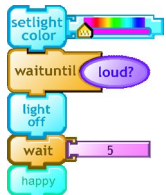


Technical Treasure Hunt

Get a new perspective on the world! Small groups using hand-held Global Positioning Systems will search outside and through the school for treasures and leave replacement “valuables” for another adventurous group to find, play geogolf and go geodashing! Learn the **fundamentals** of GPS technology and its practical uses in this action-based class.



Art into Action!



The newest in robotics and programming fun is the PicoCricket®. Design and create your own creatures, sculptures or 3-D art project, then program the devices for action! Make a cat and program it to purr when someone pets it. Make a birthday cake and program it to play a song when someone blows out the candles. Make a bobble-head with multiple heads that jiggle and jump on command. Your imagination is the main ingredient!

Video Game Design I

Design, create and edit your own arcade-style video game: design the action, create the characters, and edit the objectives and outcomes. Take home a CD with your game on it so that you can challenge your friends and family! AND you'll receive a copy of the software at the last session so that you can continue your creations!



Video Game Design II

Advance your programming skills by using variables to store key information about your characters. Then learn to change variables to put the information into action. Your custom created game will now have characters that have emotion, energy, and powers. Take games to a new level by zooming through walls or capturing magical power to do extraordinary things. Plus, our skilled staff will help fine tune your personal games. (Video Game Design I is a prerequisite to this course)

Alien Invasion Robotics



Students work to build robots that are similar in concept to those used to explore other planets... a rover, a sample-gathering robot, and an ‘alien’ that can move independently. Once the building of the robot is complete, students will use the computer to program the robot to respond to touch, light or programmed commands. Students use mathematics, science & technology to complete challenging missions.

Video Game Animation (Ages 8-10)

Dive into the world of video game animation by creating characters that dance, sing and interact with one another. Add sound effects and music clips to create a dynamic video animation game using Scratch, the innovative programming language created just for kids by the MIT Media Lab. You can post your game online so that your friends, your parents, even your grandmother can play your video game! Creativity rules in this fun version of video game design!



*All or a portion of this class does not involve the use of an actual computer, but explores other forms of technology.