

REED AFTER-SCHOOL ENRICHMENT 2017-2018 – SESSION 2

CLASS DESCRIPTIONS – 6 weeks of 1-hour classes starting Friday, October 27 and running through December 15, 2017

MONDAYS -----**Oct 30 / Nov 6 / Nov 13 / NO SCHOOL Nov 20 / Nov 27 / Dec 4 / Dec 11**----- **MONDAYS**

Ocean Missions: Robotics Engineering - During the LEGO® Robotics Ocean Missions classes, students design and program robots to protect the ocean and ocean life by releasing a dolphin into the ocean, fixing a broken pipeline, and maintaining an oil platform. Students use LEGO® Robotics and computers to learn principles of robotics, computer programming, and teamwork. – By Engineering For Kids

Shotokan Karate / BBJ - **For Continuing and Beginning Students.** Non-aggressive conflict resolution, disciplined, leadership, listening skills, physical exercise, stranger awareness, self-defense, anti-bullying – all mixed with a lot of fun! Sensei Jon is a Black belt Shotokan Karate / Brown belt Brazillian Jiu-jitsu who has been studying martial arts for the last 23 years and teaching kids for the last 7. He is a co-owner of Valley Martial Arts Center (VMAC) in North Hollywood.

TUESDAYS -----**Oct 31 / Nov 7 / Nov 14 / NO SCHOOL Nov 21 / Nov 28 / Dec 5 / Dec 12**----- **TUESDAYS**

Java with Minecraft – The most popular programming language in the world. JavaScript can be used to write websites, desktop and mobile applications. Minecraft allows basic programming to be immediately and dramatically effective. Using the JavaScript Programming Language students will learn to extend Minecraft while learning real world coding skills. Using a Minecraft mod called ScriptCraft, students will learn to use JavaScript to extend Minecraft and make Minecraft mods. At the end of the session students will take home their source code and finished projects on a flash drive. – By ComputerWiseKids

Gourmet Cooking - **Continuing and Beginning students.** Come learn the tricks of a Chef, as instructor Chef Chris Allen and his Le Cordon Bleu-trained staff come to Walter Reed for cooking fun. This culinary team will give students a hands-on approach in creating in the kitchen while they learn some easy and delicious dishes from around the world. – Chef Chris Allen

Mock Trial, Speech & Debate - **Continuing and Beginning students.** Are you a person of passion and conviction, with a love for critical thinking and dialogue? In this class, students learn to use logic and other rhetorical tools to support their positions and to express themselves succinctly and skillfully. Students learn to walk and talk with assuredness and purpose, overcome jitters, and deliver speeches with confidence and animation! - By Parker Anderson

Stop Motion Animation - Have a blast with Stop Motion Animation using clay, Legos, whiteboards, cutouts and more! Storyboard ideas, develop plots, and create unique characters as you bring inanimate objects to life! Each student receives a copy of the collaborative class work at the end of the session. – By Parker Anderson

WEDNESDAYS -----**Nov 1 / Nov 8 / Nov 15 / NO SCHOOL Nov 22 / Nov 29 / Dec 6 / Dec 13**----- **WEDNESDAYS**

Musical Theatre – **For Continuing and Beginning Students.** Here's a class for beginner and experience performers, whether you are Broadway bound or you just love show tunes. Students will experience musical theatre and will explore acting, singing, movement for the stage, audition techniques, and character development, drawing from popular musicals. – Ms. Kim Steury

Free Math Tutoring – This class speaks for itself really. – Ms. Naomi Harper

Stencyl Game Studio in a Box – Stencyl is not your average game creation software. Students can publish the game on platforms like: iOS (iPhone/iPad), Android, Windows, Mac, Linux, Flash, HTML5 (experimental). The gameplay designer pays homage to the successful MIT Scratch project while extending Scratch's simple block-snapping interface with new functionality and hundreds of ready to use blocks. Students can create their own blocks, extent the engine through code, import libraries and write their own custom classes that interact seamlessly with block-based behaviors. If your student has an intermediate level of Scratch learning this class is a must! - By ComputerWiseKids

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THURSDAYS -----Nov 2 / Nov 9 / Nov 16 / **NO SCHOOL** Nov 23 / Nov 30 / Dec 7 / Dec 14----- **THURSDAYS**

Teen Cuisine - **For Continuing and Beginning Students.** This popular class with Ms. Wende Mintz is back. Favorite foods for fun and entertainment -- teenage comfort food at its best!!! In this fun and yummy class, students will learn how to bake a number of tasty desserts (like Fudge Varieties, Brownie-Raspberry Cookies, Cupcakes and Frostings), as well as easy, savory dishes (like Phyllo Dough Pizza and Garden Vegetable Soup). And, that's not all! Students will also learn how to bake a number of recipes of their choice. These "Teen cuisine" recipes will be sure to make a hit at the end of any day of the week! – Ms. Wendy Mintz

Chess Club - We introduce chess to students in a fun and exciting way! For all students and all levels, we teach students to play chess and help them succeed in school by stimulating their problem solving skills, analytical skills, and critical thinking. – By Parker Anderson

Electrified: Electrical Engineering - During the Electrical Engineering classes, our most experienced engineering students use the Engineering Design Process to design, create, test, and refine electronics and circuits. Students learn about circuit schematics and circuit theory. They experiment with Snap Circuits® to discover the capabilities of major electronic components. In addition, students build their own complex flashlights and explore the world of magnetic energy by designing their own Magnetic Levitation vehicle. – By Engineering For Kids

Yoga, Yoga Theatre & Mindfulness – **Beginners, Intermediate and Advanced students welcome.** The practice of mindfulness with the art and science of yoga. Over the course of eight weeks, students will practice yoga mindfully, learning to focus and relax simultaneously while paying to the present moment intentionally & non-judgmentally, with kindness and curiosity. Through yoga and mindful awareness practices students learn skills to make wise choices and create a more centered, balanced, peaceful, fulfilling and compassionate life. – Ms. Susan Ladd

FRIDAYS -----Oct 27 / Nov 3 / **NO SCHOOL** Nov 10 / Nov 17 / **NO SCHOOL** Nov 24 / Dec 1 / Dec 8 / Dec 15----- **FRIDAYS**

Games & App Design – MIT App Inventor is a blocks-based programming tool that allows everyone, even novices, to start programming and build fully functional apps for Android devices. App Inventor is a cloud-based tool, which means that you can build apps right in your web browser. Students will drag-and-drop visual objects to create an application that can run. This class emphasizes that programming can be a vehicle for engaging powerful ideas through active learning. Students will make different applications, that they design, for specific use like entertainment or to work as a tool. - By ComputerWiseKids

Critter Squad – Let your student go "Zoo Wild" with this completely hands--on experience unlike any other! Students will explore animals and reptiles of all shapes, sizes and colors as we bring our indoor safari to the palms of their hands. Don't miss out on this incredible animal experience! – By Parker Anderson

Master Machines: Mechanical Engineering - During the Mechanical Engineering classes, students use the Engineering Design Process to design, create, test, and refine a variety of machines and mechanical systems. Students learn basics of fluid mechanics, simple machines, and other design and engineering concepts while constructing roller coasters, egg-drop vehicles, and an incredibly fast air powered dragster they keep at the end of the course. – By Engineering For Kids

PAY FOR 4 CLASSES OR MORE AND RECEIVE A 10% DISCOUNT