# SUMMER YOUTH **ENRICHMENT**

*Village of Suamico*

*Click on the course title to register online now!*

## JUNIOR LEAGUE ROBOTICS CAMP

Grades 1-5

Build it, program it, play with it and learn from it using LEGO® Mindstorms WeDo software and LEGO® bricks! Students will build race cars, a forklift, boat and more, then program them to complete various tasks. In this {YEL!} summer camp, students are challenged to build, test, program and modify multiple projects, then use those projects to investigate basic robotics concepts as well as introductory computer coding. Restrain summer brain drain, sign up today.

**7/15/2019 to 7/19/2019 -- 5 Classes -- 9:00 AM-12:00 PM -- Suamico - Municipal Services -- Fee: $110**

## CHESS SUMMER CAMP

Entering Grades 1-6

All levels welcome. Youth Enrichment League's {YEL!} summer chess camp works with all levels of students. Beginners learn Piece Movement, Capturing, Check, Checkmate, Castling and more; returning students study intermediate lessons (Pins, Forks, Back Rank Mates, as examples); advanced students will study Elimination of Defense, Opening Theory and other advanced concepts. Our summer camps are fun, fast-paced and packed with information. Battle summer brain drain and procure the necessary tools to beat your dad at chess!

**8/12/2019 to 8/15/2019— 4 Classes -- 9:00 AM-12:00 PM -- Suamico - Municipal Services -- Fee: $92**

## EXTREME MOBILE ELECTRONIX

Entering Grades 1-5

Create a mobile juggernaut equipped with disc shooter, sirens, flashing lights and voice recorder. Make and take home your very own electric vehicle. In this Youth Enrichment League {YEL!} electronics class, students will build 20-30 projects over the course of the session and use those projects to explore basic aspects of electricity, including measuring ohms, amps, voltage, open and closed circuits and more. Safety is our first rule. We will only use DC current (batteries). No AC current (electric outlets) will be used. We put the AMP into summer camp! Fee includes $20 for materials.

**6/17/2019 to 6/20/2019 -- 4 Classes -- 9:00 AM-12:00 PM -- Suamico - Municipal Services — Fee: $105**

*MORE classes on back side!*



# THINK, LEARN and PLAY WELL with {YEL!}

# REGISTER AT: YELKids.com

Click on registration button at top of page, search for school, find class, click register. Questions call 952.361.6882.
*Flyers printed and paid by {YEL!}.*

### JUNIOR CODING AND VIDEO GAMES WITH SCRATCH®

Grades 2-5

STEM Video Game Enrichment for the 21st Century learner. Each {YEL!} Coding class follows four basic components: •**Teach It!**…Students learn different video game and storytelling design techniques (movement blocks, control blocks, basic animation, adding scores, etc.) •**Code It!**…Students use Scratch® to code their own story and video games. •**Explore It!**…Students can write their own story and video game code, experiment with it and test new options. Our collaborative learning environment encourages students to learn from each other. •**Keep It!**…Students keep their stories and video games online with Scratch® and can access it and expand upon it at anytime.

*Scratch® is an MIT created and monitored, kid-safe web interface. It uses a drag and drop programming interface to teach students of all levels coding practices. Your child will receive a Scratch® user name and password so they can access their projects from any computer at anytime. Scratch® is not affiliated with {YEL!} nor does it endorse this program.

**6/24/2019 to 6/27/2019 -- 4 Classes -- 9:00 AM-12:00 PM -- Suamico - Municipal Services — Fee: $101**

### PROJECT RUNWAY ('19)

Entering Grades 4-8

New summer projects!  A swimsuit coverup, mini messenger bag, ear bud case and your personalized sewer's handbook.    In this Youth Enrichment League (YEL) summer camp, students will learn the basics of hand sewing, machine sewing as well as measuring, pinning and cutting patterns.  No experience necessary.  Dress up your summer with a new wardrobe that you made yourself! Visit YouthEnrichmentLeague.com for project pictures and more details.  Don't forget to mark your calendar for the PROJECT RUNWAY SHOWCASE the last day of camp. Make sure to secure your spot for summer haute couture.  Sign up today! Fee includes $20 for materials.

**7/08/2019 to 7/12/2019 -- 5 Classes -- 9:00 AM-12:00 PM -- Suamico - Municipal Services -- Fee: $125**

### DESTINATION MARS: ROCKETRY COURSE

Entering Grades 2-5

Launch and watch your very own rocket speed 300 feet into the air! Then it is yours to take home! Students will make and take home multiple rockets of varying difficulty throughout this session. We will use these rockets and airplanes to investigate basic aeronautical concepts including: propulsion, thrust, lift, drag and more. We will also hypothesize about travel in outer space, how to get a United States astronaut to Mars and life on Mars. Do you have the right stuff?

**NOTE:** Parents will be asked to contribute two, 2 liter soda bottles (empty) for 2 different experiments. Fee includes $18 materials fee.

**7/22/2019 to 7/26/2019 -- 4 Classes -- 9:00 AM-12:00 PM -- Idelwild Park Shelter -- Fee: $103**

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