

Summer STEM Program 2017



Dear Parents and Students:

The Wentzville School District is pleased to provide you with a wide variety of high quality summer STEM programs designed for students entering grades kindergarten through sixth grade. This program is available to students who reside in our District's boundaries. If your child is not currently enrolled in the Wentzville School District you will have to enroll them in the school they would attend during the regular school year **before** registration in classes can be completed. If you are not registered, space in a class will not be held until registration is complete and your child is enrolled in the Wentzville School District.

Registration: Please complete the appropriate registration form(s) and email back to tanyakirkpatrick@wsdr4.org. **The deadline for all registrations is May 19, 2017.** Classes with low enrollment may be cancelled.

Program Schedule: Classes will take place at Duello Elementary. Classes will run Monday – Thursday from 8:00 am until 12:00 pm on July 10-July 14. Confirmations, including maps and room numbers, will be mailed in June. If a course does not have sufficient enrollment, it will be cancelled and parents will be notified. If a camp is full your child will be placed in their alternate choice. If no alternate choice is listed parents will be notified that their class is full. Students are expected to participate fully and cooperate in all activities. Disruptive behavior will not be tolerated and will result in dismissal from the program.

Supplies: Read each program description for any specific supplies that may be needed. Students will need to bring a pencil each day; all other supplies will be provided.

Transportation:

Transportation will **not** be provided by the Wentzville School District.

STEM CAMP

Held at Duello Elementary. For students entering grades Kindergarten through fifth grade. Classes run from 8:00AM-12:00PM Monday through Thursday. All camps are taught by Wentzville School District certified staff. Students should register based on the grade level they will *enter* for the 2017-2018 school year. Please note, students who attend these camps do **not** have the option of participating in the Before and After Care Program. Students must be picked up by a parent when the camp is over. Space is limited and parents will be notified if a class is full.

Let's Get to the Heart of the Matter

Instructor: Marie Spence

Kindergarten/1st Grade

This STEM course is a wonderful way to engage our youngest scientists in activities that explore and document the three states of matter and even how substances can move through more than one of those states. Activities will be hands-on and include daily journal entries as well as whole group and small group discussions to make predictions and cover the results of our activities. Get ready to roll up your sleeves and navigate your way through the heart of the matter during this fabulous summer course.

Hands-On STEM

Instructor: Chelsea Siebert

1st/2nd Grade

Students will be challenged to build structures, conduct experiments, and problem solve. Students will work individually as well as in groups to solve their STEM challenges. Challenges will include creating a boat that can float, a structure that can hold weight, color mixing, water activities, computer activities, and planting seeds. Come join in on the STEM fun!

Project Engineers

Instructor: Kristina Bugh

1st/2nd Grade

Come build with us! Put your engineering hat on and build objects out of everyday materials. We will then test on how they stand up. We will build boats, towers, and egg drop containers. We will have fun learning how to design and build our structures.

Reading through STEM

Instructor: Sheila Hasse

3rd Grade

In this class we will be reading a variety of books and then taking a part of each one to create a STEM challenge. We work together in groups to create our tasks. Some of the books we will read will include: Big Smelly Bear, The Most Magnificent Thing, The Popcorn Book, and The Marshmallow Incident.

Math Games

Instructor: Sue Campbell

4th-6th Grade

Did you know that math can be fun? Find out how. Come play games this summer, and strengthen your math skills at the same time. We will improve our strategy and problem solving skills through board games, card games, dice, and computer games.

STEM Adventure

Instructor: Susan Meneau

4th Grade

Students will use science, technology, engineering, and math skills as they think about questions, take a stance, and defend their thinking. We will test our ideas and make new discoveries while using our problem solving skills.

Up, Up, and Away

Instructor: Jim Bruegenhemke

5th Grade

Explore the history of rocketry with Newton's Laws of Motion. Use your Science, Math, and Engineering skills to solve and research problems and propose an answer while testing, analyzing, and building thorough the transition of rocket flight. You will explore and experience the flight of many different rockets from string, straw, plastic bottle, and stomp rockets, and you might even get to experience the flight of a real rocket. Are you ready for the challenge?

Come fly away with us!

STEMfit 2.0

Instructor: Ed Picone/Marc Tiernan

6th Grade

STEMFit will bring exercise and STEM activities together in a real world action filled fun 4 day camp. Students will participate in daily physical challenges as well as STEM events with a partner. The team with the fastest time each day will be declared the winner. Are you up for the challenge?

Summer STEM Enrollment Form 2017
(One form per child)

Student Information

First Name: _____ Last Name: _____
2017-2018 Grade Level: _____ Date of Birth: _____
School Child Attends: _____
Address: _____
City: _____ Zip: _____
Primary Phone: _____ Secondary Phone: _____
Parent(s) Name: _____
Email address: _____

Please list first choice and one alternate if applicable, if you do not have a preference on an alternate please write "any available."

Session 1 Registration Information (July 10-14)

Class Name: _____ **Alternate:** _____

Any special needs we should be aware of: (Allergies, physical and mental health, behavior or emotional concerns.) Or any circumstances that will help us serve your child better:

*EMERGENCY CONSENT** In case of emergency, and if neither the parents nor a guardian can be reached, do you give your consent for emergency procedures to be followed by the Summer School staff? This care will be consistent with the care needed, and is to be of an emergency nature only. Agreement: I understand that my child is to attend each day, for the full day of the session(s) that I have registered him/her. I understand that absenteeism or disruptive behavior will result in dismissal from the program. I also understand that disruptive behavior will not be tolerated and that my child is expected to participate fully and cooperatively with all program activities. RELEASE/WAIVER: I hereby agree to indemnify and hold harmless the Wentzville R-IV School District and its representatives/employees from, and against, any and all claims for personal injury or damages of any kind from participating in the summer school sessions. Further, I authorize staff to seek emergency medical help if this becomes necessary. I realize that every effort will be made by the staff to contact me in the event of a medical emergency involving my child and I agree to indemnify and hold harmless staff in seeking medical care for my child.

YOUR SIGNATURE BELOW DENOTES YOUR APPROVAL OF THIS PROCEDURE.

Parent Signature: _____ Date: _____