

Super Saturday

FALL 2015



WHEN AND WHERE:

Fall 2015 semester courses will be held on Saturday, October 10, 17, and 24. All sessions will meet from 9:00 a.m. to noon. All classes run for 3 sessions each. Classes are held in Central Michigan University's College of Education and Human Services Building.

COURSE DESCRIPTIONS:

Ladybugs/Hide a Butterfly

Grade: Pre-school

In a series of observational and role-play activities, children learn about ladybug body structure, life cycle, defensive behavior, and favorite foods. They absorb the mathematical concepts of counting, symmetry and pattern as they indulge their curiosity about this charming insect. Students will also learn about butterflies through the creation of a mural meadow in which paper animals will gradually tell the stories of camouflage, predator/prey, and survival behavior in the real outdoors. There is ample opportunity for students to talk about small animals they've seen in real grass-and-flower environments.

Eggs Eggs Everywhere

Grade: Pre-school

In a gentle and engaging exploration of animals that hatch, children study real and plastic egg-layers, including turtles, fish, snakes, and birds. Through role-playing, sorting, organizing, graphing, and exploring shape and movement, students develop an understanding not only of the process of egg-laying and hatching, but of the animals themselves, their roles in the life cycle, and fundamental mathematical concepts.

Buzzing a Hive

Grade: Kindergarten

Students get a good introduction to the honeybee's extravagant communication system, intricate behavior, and an appreciation for our interdependence with these and all insects. In a series of guided-discovery activities, the children make paper bees and learn about bee body structure, act as bees in a beehive drama, perform bee dances to learn how bees communicate directions and learn about bee predators and honey robbers.

Sifting Through Science/Investigating Artifacts

Grade: 1-2

Students will explore objects and their properties at three different learning stations. Students investigate materials that sink or float, magnetic and nonmagnetic objects, and sand-and-bean mixture with elements that can be sifted and separated. Students will also engage in activities related to anthropology, archaeology, and diverse Native American and world cultures. Teams of students sift through "artifacts" learning the skills required for excavation, map-drawing, and curatorship. They will also create stories, sort objects, and make masks from these objects.

Mystery Festival/Crime Lab Chemistry

Grade: 3-5

Students will study a "crime scene," then conduct crime-lab tests on the evidence, analyze the results, and try to solve the mystery. The many crime-lab procedures include thread tests, powder tests, DNA comparison, chromatography, and fingerprinting. Students will visualize the molecular nature and behavior of matter, as they create and revise models and consider the advantages and limitations of models.

ENCLOSE PAYMENT & REGISTRATION

GEMS SUPER SATURDAY

CENTRAL MICHIGAN UNIVERSITY

EHS 464

MOUNT PLEASANT, MI 48858

APPLICATION FOR SUPER SATURDAY PROGRAM:

October 10, 17, 24, 2015

Name: _____ Birth Date: _____

Address: _____ City: _____

State: _____ Zip: _____

Gender (Optional): Male Female Age: _____ Grade: (2015-2016) _____

School: _____ District: _____

Race/Ethnicity (optional: circle all that apply): Ethnicity & gender data are used for research & evaluation purposes only and do not affect eligibility!

African American Hispanic Caucasian, Non-Hispanic Asian Multi-racial Native American

Parent/Legal Guardian Name: _____ E-mail Address: _____

Home Phone: _____ Work Phone: _____ Cell Phone: _____

This will be my child's first Super Saturday session: Yes No Confirmation will be sent via e-mail!

My child requires auxiliary aids and services due to a disability. Contact me at the above address.

PHOTO RELEASE

I give consent for any photography of my child taken during a GEMS program to be used by Central Michigan University for publicity purposes.

I do not give consent for any photography of my child taken during a GEMS program to be used by Central Michigan University for publicity purposes.

Medical Information:

List any information regarding your child's health, allergies, physical, and/or emotional status in order for us to best serve your child's needs. Attach additional sheets if necessary. _____

Emergency Contact (in event parent/guardian cannot be reached): Name: _____ Phone: _____

Parent/Legal Guardian signature (required) _____

Course Preference:

Your child may take one Super Saturday course. Select your course and list, in order of preference, the course in which your child would like to enroll (choices 1 and 2).

COURSES

- ____ Ladybugs/Hide a Butterfly (Pre-k) _____ Buzzing a Hive (K) _____ Mystery Festival/Crime Lab Chemistry (3-5)
- ____ Eggs Eggs Everywhere (Pre-k) _____ Sifting Through Science/ Investigating Artifacts (1-2)

Fees/Payment: \$35 per child. *\$30 each for two or more children. Payment is due upon submission of registration (by cash, credit card, or check - made payable to CMU) by: October 3, 2015. If paying with credit card, please go to the Learning Commons (previously known as KIMC) at Central Michigan University, EHS 134. No refunds will be made after the classes begin.

* If you are in need of financial assistance, please contact the GEMS Center for details.

Enclose payment and mail registration form to: GEMS Super Saturday, Central Michigan University, EHS 464, Mount Pleasant, MI 48859 or come to the GEMS Center to register.

How did you find out about Super Saturday? (Circle One)

Poster Friend Newspaper Teacher Neighbor Relative Internet Flyer Other: _____

For more information, contact GEMS at (989) 774-1710 or email gems@cmich.edu