Camp 5
Entering 8th graders

Embark on a week-long adventure to explore the molecules that are involved in everyday life.

- Perform hands-on experiments.
- Use state-of-the-art research equipment.
- Learn how molecules play a role in everyday life.
- Use mathematics to collect and interpret data.
- Design your own experiments and present your results to others.
- Learn how to make butter, insulators and a gold penny.
- Explore career opportunities in chemistry and biomedical sciences.
- Design and construct a rubber band car to learn how velocity relates to kinetic energy.
- Use liquid nitrogen to make ice cream — real cool!

Dates:
- June 3 - 7
- June 17 - 21
- July 8 - 12

Camp 6
Entering 8th graders

Spend a week exploring the wonders and magic of chemistry.

- Have pHun with acids and bases.
- Create edible polymers, like the Edible water bottle.
- Enjoy hands-on fun with chemical reactions, using the scientific method.
- Participate in lab demonstrations that you will learn to explain.
- Conduct an forensics investigation using chromatography.
- Solubility, solutes, solutions, saturated solutions, super-saturated solutions . . . learn about it!

Dates:
- June 10 - 14
- June 24 - 28
- July 15 - 19

Camp hours are 8:30 a.m. — 4:00 p.m. daily. Camp Counselors will be on duty beginning at 7:30 a.m. in the lobby of CHSB 19 (933-19th Street South) for early drop-off.
- All children are required to bring a lunch daily except for Friday Pizza Day.
- Acceptance into CORD Camps will be based on available space and regional distribution of students.
- Each Camp is designed for students entering a specific grade level. There are No Exceptions!
- Children may attend each Camp in their grade level.
- Tuition for first week-long Camp is $175.00. Second grade-level Camp tuition is $75.
- A non-refundable deposit of $50 is required by ALL with application and will be applied toward total cost of tuition.
- No tuition refunds.
- NO Credit Cards Accepted.
- All applicants will receive a Notification of Acceptance.
- Camp Guidelines and a Health and Photo Release Form must be completed prior to attending Camp.
- All forms and tuition are required prior to participation.
- Behavioral issues may result in dismissal from Camp.

Application Deadline
April 12, 2019

2019 SUMMER SCIENCE CAMP
Six Exciting Camps For Middle School Students

UAB Center for Community Outreach Development
5th Floor CHSB 19 * 933 19th Street South
Birmingham, AL 35294-2041
PH: (205) 934-5171 Fax: (205) 934-5158
CORD Email: CORD@UAB.EDU
Collect and analyze data about the forest, its plants, reptiles, amphibians, and mammals.

Use computers to mathematically analyze the data you collect and graphically present it to your fellow campers.

Learn about pollution tolerance, dominance, and species diversity.

Discover the processes of adaptation and natural selection that aid survival.

Solve a series of medical mysteries, diagnose patients, and recommend treatments.

Discover the effects of exercise on your cardiovascular and pulmonary systems.

Design your own experiments, collect data, and analyze results.

Work as a biomedical engineer to block a viral epidemic and stop a blood clot.

Learn about how your amazing body functions and how modern medicine and technology are working to save and improve lives.

By the end of the week you’ll have experienced what it is like to be a doctor, lab technician, biomedical engineer, public health nurse, physiologist, and more!

Do you dream of a career in the medical field? Does solving problems and designing solutions thrill you? Come put your body and brain to the test! See if you can meet the challenge in which you become the scientist and the subject.

Use high-tech instruments to monitor air and water quality, temperature, and humidity changes.

Learn to analyze your data and develop a presentation to communicate your results.

Gain insight into the relationship between the environment and human health.

Understand environmental conditions that relate to your health.

Discover what makes up DNA and learn its secret code.

Isolate DNA from different organisms, including you!

Use modern professional-level molecular biology techniques and sharpen your computer skills.

Conduct forensic investigations and solve mysteries.

By week’s end, you will be well on your way to being a CSI-type sleuth!

Dive into the gene pool and investigate the role that DNA plays in every living creature.

An outside Camp that will explore a forest to learn how changes in its plants and animals may affect your health.

Collect and analyze data about the forest, its plants, reptiles, amphibians, and mammals.

Use computers to mathematically analyze the data you collect and graphically present it to your fellow campers.

Learn about pollution tolerance, dominance, and species diversity.

Discover the processes of adaptation and natural selection that aid survival.

Entering 6th graders

Dates:      June 3 - 7
            June 17 - 21
            July 8 - 12

Entering 6th graders

Dates:      June 10 - 14
            June 24 - 28
            July 15 - 19

Entering 7th graders

Dates:      June 3 - 7
            June 17 - 21
            July 8 - 12

Entering 6th graders

Dates:      June 10 - 14
            June 24 - 28
            July 15 - 19

Entering 7th graders

Dates:      June 10 - 14
            June 24 - 28
            July 15 - 19

Dates:      June 3 - 7
            June 17 - 21
            July 8 - 12

Dates:      June 10 - 14
            June 24 - 28
            July 15 - 19