



Summer Camp 2019

Offered with the City of Fredericksburg
Tatsch House 432 Lady Bird Drive Fredericksburg, Tx 78624

Yuckology

June 10 - 14, 2019 1:30 p.m. – 4:30 p.m. For Ages 6 – 12

Cell City - Take a fantastic trip into cell city. Learn about cells and the different parts within them. You will compare the parts of a cell to a real city as you investigate its different functions. Build your own slimy take home model cell out of unique materials. Even your snack will be a fun cell model you can eat!

The Organ Trail - Do you know the recipe for a healthy body? You will after you journey down the Mad Science Organ Trail. Come to camp and meet "Tall Paul"! Paul is a torso model that can have his organs removed and replaced. Paul's brain, bones, lungs, heart, and digestion system will all be investigated. Make a gutsy apron and a model lung and mucus to take home.

Scene of the Crime - Team up with fellow campers to solve the "Great Cookie Caper" crime. Arrive at camp to find a real crime scene surrounded by crime scene tape. Walk the grid and collect evidence to solve the crime. All of your observation skills will be needed as you use your new magnifying glasses and notebooks to record your evidence. Use your forensic skills to solve the crime and make your own cookie snack.

Chemical Counting - Get ready for a day in the Mad Science Laboratory! Turn a lemon into a battery. Experiment with electrochemical reactions, as you electroplate a penny and a nickel. Learn how chemical elements help you to create chemical compounds. Put your new chemistry know-how to work as you make your own brain goo!

Radical Reactions - Ready, set, reactions! Learn with hands-on reactions that matter is never created or destroyed. Make a rainbow and a chemical clock in a cup. Experiment with chemical bonds and whirligigs as you discover conductivity. Make your own invisible ink.

Science Explorations

July 15 - 19, 2019 1:30 p.m. – 4:30 p.m. For Ages 6 – 12

Mad Messages - Decipher the world around you as you learn different ways to send mad messages. Use Morse code to send secret transmissions to your friends and to interpret secret messages from them. Discover the mystery of the Mad Science Message Wheel. Experiment with cool color-changing goldenrod paper.

Earth Awareness - Learn all about pollution and what it does to our planet. Determine what big problems a little pollution can cause with a lake in a bottle. Unearth pollution solutions and other ways to help our planet. Bake nachos with solar power and make your own recycled paper.

Science of Sport - Jump right into the science behind sports. Test what your toes have to do with tennis and what your feet have to do with football. Make a new friend named CG Owl and find out what he has to say about sports. See how much air your lungs can hold. Make a helmet for your own crash test egg.

Nature - Let your nose be your guide on a trail of scents. Follow the clues on this aromatic path. Experiment with natural dyes that you can find in fruits and veggies. Decorate your own painters cap with all the colors that nature has to offer. Use jaws and claws to feed your beastly stomach.

Space Day - Blast off with science as you launch a water bottle rocket. Test soil for "Martian" life. Experiment with space suit design. Get a taste for space and eat like the astronauts when you make your own space snack. Learn how to throw water around and stay dry at the same time. Build your own rubber band powered space shuttle to take home.

Register online: austin.madscience.org
or Call (512) 892-1143

SPARKING
IMAGINATIVE
LEARNING

ASSEMBLIES

SPECIAL
EVENTS

AFTER-SCHOOL
PROGRAMS

SUMMER
CAMPS

PRESCHOOL
PROGRAMS

BIRTHDAY
PARTIES

WORKSHOPS

City of Fredericksburg Mad Science Summer Camps

Tatsch House
432 Lady Bird Drive
Fredericksburg, Texas 78624

Details:

- For ages 6 -12
- Cost: \$210 per child per camp
- Weeklong: Monday through Friday
- Times: 1:30 p.m. – 4:30 p.m.
- Topics
 - June 10 - 14 – Yuckology
 - July 15 - 19 – Science Explorations
- CPR and First Aid certified instructors
- 2 instructors per class
- Criminal background checks on instructors
- Each week is limited to 25 children
- Exciting hands-on activities
- Children take home items each day
- WE GET CHILDREN EXCITED ABOUT SCIENCE!!!!

**To register, see more details or get answers to
questions about Mad Science:
austin.madscience.org
(512)892-1143**