

Camps Offered:

3D Printing-Design It!

Amazing Cartoons

Auto Body-Custom Sports Logo

Computer Exploration

Computers Unleashed

Cool Kid Connection

Create a Tee

Electric Jungle

French Pastry School

Fun with Food

MCSI

Outdoor Power Sports

Robo-Trek

TBA Drag Way

Welding & Fabrication

General Information

Camps are open to all TBAISD students currently in 5th, 6th, and 7th grades.

Registration fee of \$40.00 includes: t-shirt, supplies, snacks, and lunch on the last day.

Registration deadline: May 19, 2017.

Questions? Call: 231.922.6322

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Please Note: A limited number of **scholarships** are available based on financial need. Interested campers should apply by writing a short essay explaining why they qualify. Submit the **student-written** essay **with** a completed registration form.

Send the essay to:
Mr. Patrick Lamb, TBACTC
880 Parsons Road
Traverse City, MI 49686

Camp confirmation post cards
will be mailed the end of May.



**Tuesday
Wednesday
Thursday**

June 20-21-22, 2017

8:30 AM - 11:30 AM

**880 Parsons Road
Traverse City, MI 49686
tbactc.org**

**Logo designed by
Peyton Campbell, TBACTC
Graphic Arts Student
Traverse City Central**

Traverse Bay Area Intermediate School District



880 Parsons Road
Traverse City, MI 49686



Cool Tech Camp Descriptions

3D Printing... Dream it, Design it, Make it!

The world is changing at an ever increasing pace. 3D printing may be moving us into the next industrial revolution as we can now print everything from Legos to human body parts! In this camp, students will get exposure to what is currently possible with 3D printing, learn the basics of a 3D design tool, and then use a 3D printer to take their design from “art to part.”

Amazing Cartoons & Animation

Discover the magical world of cartoons and animation. This camp will introduce students to creating and animating cartoon characters. You'll complete hands-on activities in Sketch, SAM Animation, PhotoShop, and After Effects. You will learn to shoot stop animation with a 3CCD video camera and still digital SLR. Campers will also be exposed to various types of animation including gif animation, stop animation, and claymation. Let's make some magic!

Auto Body-Custom Sports Logo

Campers will be taught how to spray paint with a professional, high-volume, low-pressure spray gun. Campers will then be given a large team logo from a favorite sports team. They will prepare the logo for primer, paint, and clear coat. Safety will be emphasized and you MUST love sports! Campers must wear closed-toed shoes.

Computer Exploration (Customize & Play)

Welcome campers! During your visit you will learn to identify parts of a computer and build one. Next, you will learn about the Windows operating system and install it on the computer that you built on the first day. Then you'll learn about apps and how to install your favorite software from Adobe to WinZIP! You never know...you may just end up leaving with something you didn't have when you came in!

Computers Unleashed!

Discover a variety of applications and make cool projects to take home! Students will design, create, and print their own business cards, address labels, letterhead, calendars, and greeting cards using digital cameras, scanners, and the Internet. Please bring a few personal photos, either printed or on a storage medium (flash drive, CD, digital memory card) on the first day.

Cool Kid Connection

Do you enjoy spending time with younger children? Would you like to be the “COOL kid” that younger children ask to have care for them? If so, THIS is the camp for you!

In this creative, hands-on learning camp you will create several make-and-take activities to share with the children in your life AND you will be helping children learn without them ever knowing there's more to be gained than just fun and games! You will also learn about child safety, what types of activities are right for children of different ages, and you will leave camp with a tote filled with art supplies, recipes, songs, books, puppets and games! You will also learn some really cool, sneaky little tips on “how to hide learning” in play, cooking, dance, creative arts, and more! Come get your “kid” on and join in the fun!

Create a Tee

T-shirt making is tons of fun. Learn how to be a professional t-shirt maker by using Adobe design software and manual screen printing equipment to create two custom t-shirts. Bring your imagination to create your very own one-color t-shirt and learn some experimental printing techniques. Collaborate with your camp buddies to design a summer-themed, three color t-shirt to print on an industry quality rotary press. Someone's going to ask, “where d you buy that shirt?” and you're going to say, “I made it!” When registering, please give your t-shirt size.

Electric Jungle

It's a jungle out there! Wires, circuits, switches, and plugs can trip you up! This camping session will help you find your way through the exciting world of electricity, armed with the safety “know-how” and first aid skills needed to keep you out of harm's way. You will learn about some exciting careers and jobs in the electrical field, become familiar with some basic information about electricity, conduct an electrical home safety survey, wire a simple AC circuit commonly found in your home, and, at the end of this trek through the electric jungle, build a robot that you will take home with you! If you need a “spark” to begin your summer vacation, this camp is for you!!

French Pastry School

Campers will learn hands on how to create three classic breakfast pastries: Danishes, Pâte à Choux and Tarte aux Pommes. We will cut, fill, egg wash, bake, glaze and frost using Danish dough. From a pastry bag filled with choux paste, we will pipe cream puffs, éclairs and a few long necked swans. And to impress the most discriminating food enthusiast, we will craft a classic and elegant apple tart. Bon Appétit! Please wear closed-toed shoes appropriate for a commercial kitchen.

Fun with Food

First, we'll visit the fantastic flavors of Mexico and create authentic, fresh Mexican foods from scratch. We will prepare and sample food from tortillas stuffed with spicy chicken to hot tamales and homemade salsa. Day two is all about pasta. The shapes, flavors, and aroma of Italy will abound as campers create their own pasta dishes. Day three will focus

on yummy chocolate treats - dipped strawberries, pretzels, chocolate covered dried fruits and more. Please wear closed-toed shoes appropriate for a commercial kitchen.

MCSI: Medical Crime Scene Investigation

Campers will be totally engaged in a mock murder investigation and solve it by using investigative medical tools of the trade testing fake blood types, checking for signs of injury, looking for clues and more!! Campers will also experience various areas of the health care profession, take vital signs and will put together their very own first aid kit to take home! If you think a medical career is in your future and like CSI, NCIS, or want to be a “Sherlock Holmes,” this is right up your alley!

Outdoor Power Sports

This camp is designed to introduce campers to all kinds of engine-driven outdoor equipment. Often called “small engines,” this camp focuses on power units including 4-cycle and 2-cycle engines found on mini bikes, go-karts, ATV's, and dirt bikes. Campers will work on a 4-cycle engine with emphasis placed on part identification and use. Campers will use a variety of hand tools. Shop safety will be emphasized and campers receive a tool to take home. Campers must wear closed-toed shoes.

Robo-Trek: A Robotic Excursion

Campers will design and build a motorized LEGO remote control vehicle to navigate through an obstacle course. In addition, each camper will design his or her own LEGO “Bling” using SolidWords 3-D CAD program and print it out in plastic on MTA's rapid prototype machine. It will be designed to snap onto the vehicle for the race.

TBA Drag Way

Experience the excitement and speed of drag racing via Automotive Technology. Campers will build their own CO₂ powered dragster. During camp you will have the chance to race your car against fellow campers. The top three winners will receive a TBA DRAG WAY trophy. Safety will be stressed throughout the camp experience. There will even be an air bag from a car exploded before your eyes! So come and experience “THE NEED FOR SPEED.”

Welding & Fabrication

This camp will introduce students to the world of welding. You will be exposed to welding and fabrication equipment common to the trade today. Campers will complete hands-on activities with arc and oxy-fuel cutting and welding equipment. Safety will be emphasized in all activities. Campers must wear long pants and closed-toed shoes.

COOL TECH CAMP FUN! (Print Clearly)

| | | | |
|--|----------------------|--------------------------|--|
| Student: _____ | Phone H: _____ | W: _____ | Mark first AND second choice! |
| Parent/Guardian Name: _____ | | | 1st 2nd |
| Address: _____ | City _____ | | <input type="checkbox"/> 3D Printing...Dream it! |
| Zipcode: _____ | Birthdate: _____ | | <input type="checkbox"/> Amazing Cartoons & Animation |
| Current School: _____ | Current Grade: _____ | Adult T-Shirt Size _____ | <input type="checkbox"/> Auto Body - Custom Sports Logo |
| Email address for future Camp notices: _____ | | | <input type="checkbox"/> Computer Exploration |
| | | | <input type="checkbox"/> Computers Unleashed! |
| | | | <input type="checkbox"/> Cool Kid Connection |
| | | | <input type="checkbox"/> Create a Tee |
| | | | <input type="checkbox"/> Electric Jungle |
| | | | <input type="checkbox"/> French Pastry School |
| | | | <input type="checkbox"/> Fun with Food |
| | | | <input type="checkbox"/> MCSI |
| | | | <input type="checkbox"/> Outdoor Power Sports |
| | | | <input type="checkbox"/> Robo-Trek - A Robotic Excursion |
| | | | <input type="checkbox"/> TBA Drag Way |
| | | | <input type="checkbox"/> Welding & Fabrication |

Mail registration form and payment to:

TBA ISD
880 Parsons Road
Traverse City, MI 49686-3692

Please include \$40.00 check or money order made payable to TBAISD. Fee includes t-shirt, supplies, snacks, and lunch on last day.

*My son/daughter agrees to abide by the TBAISD Computer Policy as explained on the first day of camp if computers will be used.

Parent Signature _____

*I give permission for my child to be photographed during camp.

Parent Signature _____