



### Quick Breads – They're not just for Breakfast!

Learn to have some fun in the kitchen whipping up some fast, delicious items for breakfast, lunch and dinner including homemade s'mores, chocolate chip and banana muffins and biscuits. We'll make these and more as you learn to make "quick breads." Warning: your family and friends will be asking for more once you try them at home!



### World Wide Web Masters

Design and create your own Web pages using HTML 5 and Cascading Style Sheets (CSS3). Publish your Web page on the Internet for the whole world to see! This is a hands-on activity, so **computer skills and Internet exposure is helpful.**



### Yo-Yo Manufacturing

Design and make your own personalized high-performance yo-yo using CAD/CAM software. Program computerized machine tools to cut your design. See your yo-yo being made using high-tech equipment. If you like computers and making things — this is for you!

## RULES

The goal of TKC is for students to experience hands-on learning. To ensure the safety and a positive experience for all students, students are expected to adhere to the following camp guidelines:

- 1 Students are not allowed to touch any lab equipment unless directed by an instructor to do so.
- 2 Students are not allowed to push, shove, trip or kick other participants.
- 3 Students are expected to follow the directions of all Moraine Park staff and activity leaders.
- 4 Students are not allowed to use any offensive language.

Students will receive two warnings. If there should be another offense, Moraine Park will contact the student's parent and ask the parent to pick up the student. The student will not be allowed to return, and no refund will be given.

Tech Knowledge College is an educational offering of Moraine Park Technical College and is not sponsored by the schools within the College district. The information is supplied by Moraine Park Technical College.

**tech** \ˈtek\ n 1: technology 2: applied science  
**knowledge** \ˈnäl-ij\ n : familiarity gained through experience  
**college** \ˈkäl-ij\ n : an institution offering instruction

**attend tkc** \əˈtend tkc\ adj : what cool, smart kids do in the summer!



[morainepark.edu/tkc](http://morainepark.edu/tkc)

Moraine Park Technical College Presents  
Summer activity for students entering 6th, 7th and 8th grades.  
**SUMMER 2013 • August 6, 7 and 8**





Dear Parents and Middle School Students:

Welcome to Tech Knowledge College (TKC), an opportunity to get a hands-on, interactive look at the skills and careers needed today and in the future! If you attended last year, new activities have been added. This summer activity is open to those entering sixth through eighth grades.

Let's fast forward to the future! What career role would you like to play? What new, exciting part of the world of careers would you like to explore during summer?

Choose two careers to explore from those offered. Check out the options below, and sign up early so that you get into the activities of interest to you! TKC will run from 9:00 a.m. until 2:45 p.m., August 6, 7 and 8 at the Moraine Park Fond du Lac campus. **Lunch will be provided.** Busing will be available from select communities.

**Session 1** 9:00 a.m. – 11:30 a.m.  
**Lunch** 11:30 a.m. – 12:15 p.m. (included in registration fee)  
**Session 2** 12:15 p.m. – 2:45 p.m.

Registration begins on May 1. Registrations are filled on a first-come, first-served basis. For additional information or questions, please contact me at 920-924-3347 or 1-800-472-4554, Ext. 3347. I look forward to your participation in this interactive educational opportunity.

Sincerely,  
 Katie VandeSlunt  
 Recruitment Specialist  
 Moraine Park Technical College

Note: Activities fill up rapidly. Please check the website ([morainepark.edu/tkc](http://morainepark.edu/tkc)) for a current list of openings.

## ACTIVITIES

### An Invitation to Party Planning

Table decor, delicious food, and good friends! What more could a party planner need? In this session, you'll learn the art of preparing goodies for your friends, how to present those goodies to make them POP on your table, as well as being a great host. Guys and gals alike, join us for a party!

### The Art of Architecture

Use your creative genius to draw buildings! You will be introduced to the Revit software to create building models. From this model, create floor plans, elevations, colored perspectives and section views of your dream home!



### Auto Techs

Spend three days servicing and maintaining an automobile in an actual auto service training lab! Conduct vehicle inspections, check under the hood, access computerized service manuals used in automotive repair facilities, and more! **Closed-toe shoes are required.**

### Be an Animator!

Create exciting, animated movies for the Web with Flash software. Make circles

spin, robots walk, bubbles rise in the air, planes loop, birds fly and text dance, and create your own animated cartoon character. The only limit is your IMAGINATION! Animated Web movies go where no picture has ever gone. Become an international communicator with animation. This is a fast-paced course; **computer knowledge is required.**

### Beyond Band Aids

Take vital signs, use the otoscope and ophthalmoscope, give injections, explore health issues using SIM Man, and learn some basic anatomy & physiology! You will also learn about nutrition and infection control, and many of the areas in which nurse's work.



### Be your own Cake Boss!

Bake and use a variety of piping tips to decorate and arrange cupcakes! Make and decorate cake pops for special occasions. Bake and decorate a cake using a combination of fondant, icing and gum paste. Join us in the kitchen for some cake art!

### Computer Lingo

If you enjoy video games, why not learn how to make your own? Explore the language of Visual Basic programming as you create your very own computer games. **Computer knowledge is required.**

### Electricity 101

This session will teach you the basics of electricity fundamentals, including the use of multi-meters to measure DC circuits. Use the skills learned to build basic electrical circuits.

### Electronics

Electronics are all around us! It touches our lives daily from cell phones to the Internet. The future is dependent upon electronics and speech recognition control. Discover how learning about electronics today will benefit you in the future. All students will build their own kit to take home.



### Fix it, Tune it, Ride it!

Are you a future Tour de France rider? Bicycle enthusiasts, you will learn to fix

flats, fine-tune your own bicycles and build a bicycle. On the final day, be prepared to enjoy a long bike ride.



### Hair Techniques

Are you a trend setter? Do you like to look your best? Spend time in Moraine Park's salon and day spa *Techniques* to learn the latest in updos, braiding and styling. Get pampered by receiving (and giving) a French manicure, and indulge in a custom-blended mini-facial, complete with a makeup demonstration.

### How to Choose 'Em & How to Lose 'Em!

Learn assertive communication skills to not be bullied, create associations and, hopefully, build friendships. Enjoy a peer party on the last day.

### Kidz Care

Through many hands-on activities and role playing, you will learn how to keep children safe and happy. Use life-size dolls to learn feeding, changing, safe bedtime practices and much more. Make a bag filled with surprises you can take with you when you babysit. After this course, you will be a Super Kidz Care Provider!



### Layout and Design Through Scrapbooking

Creativity is the foundation of many careers. Scrapbooking is not just a fun hobby, it teaches design, layout and balance. Learn

different techniques while scrapbooking your favorite summer memories. Bring along your own photos and your imagination!

### Making Movies at MPTC

Have you ever wanted to make your own movies? This workshop will explore moviemaking and digital story telling. You will use cameras, audio recorders and editing software. Bring ideas for your own stories to share!

### Metal Sculpting

Create a unique metal sculpture using the tools and techniques of the welding and metal fabrication industry! You will become familiar with welding, thermal cutting, metal forming, metal layout, and design. On the last day, you will bring home your metal sculpture!



### Ready, Set, Build!

Explore the concepts of design and construction by creating blueprints to build your very own bird feeder. Learn how to measure and safely use a saw, nail gun, tin shears and drill. Take this project home with you! Great for both boys and girls. **Close-toes shoes are required.**

### Rescue 911 – Be an EMT

You may have seen them on TV or at an emergency scene, now experience the hands-on activities of emergency medical technicians (EMTs). Learn how these health care professionals size up the scene and provide critical care. Learn basic EMT skills, such as CPR, splinting and bleeding control, and how to handle situations such as choking, burn care and more. A tour of a fire station and the Flight for Life hanger will be included.