Behavioral 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 students' 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.

Rev Your Engines!

Engines are used all over the world for producing power. What makes them work? In this activity, you will take apart a small engine and find out how it operates. You will also work with hand tools and learn how to use them safely. Wear clothes suitable for shop work.

Universal Video Productions

Create a video clip using a variety of tools and techniques—digital video camera, digital still photos and audio files. Put it all together—capture raw footage, add transitions, create titles, roll the credits and burn it to a DVD. Become the next Steven Spielberg and create your own video production!

Who are you?

What color are you—blue, red, green or brown? Discover your color and learn about who you are, what you like and dislike, why you get along better with some of your friends than you do others and why you react the way you do. Learn what activities you can do to get "destressed" and what it takes to be a team player.

World Wide Web Masters

Design and create your own Web page using HTML and Cascading Style Sheets (CSS). Publish your Web page on the Internet for the whole world to see. This is a hands-on activity, so basic computer and Internet exposure is helpful.
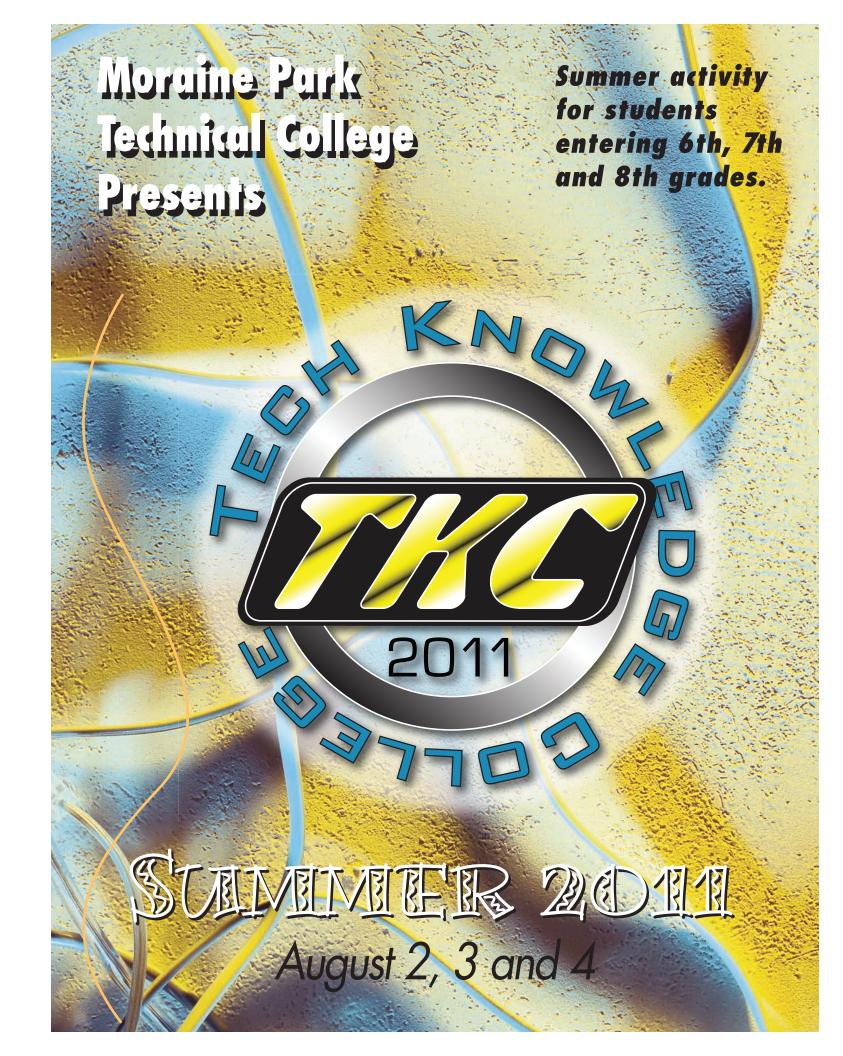
Yo-Yo Manufacturing Int'l

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!

MORAINE PARK
TECHNICAL COLLEGE

www.morainepark.edu/tkc

Moraine Park Technical College Presents

Summer activity for students entering 6th, 7th and 8th grades.

TECH KNOWLEDGE COLLEGE

TKC 2011

SUMMER 2011
August 2, 3 and 4

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 8:45 a.m. until 2:30 p.m., August 2, 3 and 4 at the Moraine Park Fond du Lac campus. **Lunch will be provided.** Busing is available from (and back to) the Beaver Dam and West Bend campuses each day.

DAILY SCHEDULE

Session 1	8:45 a.m. – 11:15 a.m.
Lunch	11:15 a.m. – 12 noon (included in registration fee)
Session 2	12 noon – 2:30 p.m.

Registration begins on April 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 Web site (www.morainepark.edu/tkc) for a current list of openings.

Activities

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.

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

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

Beyond Band-Aids – The Future of Nursing
Experience a day in the life of a nurse by bandaging, giving injections, practicing infection control and working with technology in health care. Using "Sim Man," you will care for a patient who is sick. Learn first aid procedures and much more!

Build a Robot!
Build and program an autonomous robot. Your robot will compete against your classmates' 'bots to show off your skills and will feature a microcontroller that you program with a real computer language called BASIC. You will learn about electronics, mechanical principles and computer programming. The robot you build will be yours to take home and experiment with further.

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

Cupcakes for the Holidays
Have some fun mixing up cupcakes and decorating them for the holidays. We will make a variety of yummy cupcakes and frostings and then decorate them according to holiday themes. Think summer, fall, winter and spring! Bring your imagination to the bakery.

Electricity 101
Do you know what an electrician actually does? This session will teach you the basics of electricity fundamentals, including the use of multimeters to measure DC circuits. Use the skills learned to build basic electrical circuits.

Electronics
The power of electronics will open the doors to the future—from Apple computers to the Web. Explore the fundamentals of electronics while assembling your own kit. Everyone can learn from this activity.

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.

Good Eats Bistro
You like to eat? Learn to cook for yourself! You'll prepare (and eat) a variety of main entrées and desserts every day. Impress your family and friends with your new culinary skills the next time they come over to your house.

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.

Kidz Care
Do you want to brighten your future and the little children in your 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 along 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!

Marketing Mania!
Do you babysit, take care of a neighbor's dog or have a different summer job? Market yourself to make even more money! This session will teach you how to create your own Web site and your very own business cards. Whether you market your abilities or want to pretend that you are a rock star, this class is for you!

Host(ess) With the Most(ess)!
Do you like planning parties? Not sure which fork to use first? This session teaches proper dining etiquette including napkin folding, proper serving and proper table setting. Learn to prepare compound butters and scones to serve at your next classy gathering.

Ready, Set, Build!
Explore the concepts of design and construction by creating blueprints to build your very own catapult. Learn how to safely use power tools to construct your catapult and then launch projectiles across the room! Great for both boys and girls.

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.

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