“Twenty years from now you will be more disappointed by the things that you didn’t do than by the ones you did do. So throw off the bowlines. Sail away from the safe harbor. Catch the trade winds in your sails. Explore. Dream. Discover.”

—Mark Twain (1895-1910)

We have been presenting our Upward Bound Math & Science program to our 18 target schools. Before we know it, we will be greeting new participants and returning family members for another eventful summer of UBMS. I can’t wait!!

Karen

YSK, teens 2 fluent in TXT

“Your parents have probably grown accustomed to seeing your face lighted by the glow of a phone screen from below. Well, there’s some good and bad news coming from the hours you spend speed-tapping notes to one another.”

“Good news: The hours you are spending face-to-phone screen are paying off. You have become fluent in a second language. Bad news: That language is texting. Worse news: OMG, there isn’t (yet) a texting portion on the SAT, so you’ll need to work harder to recover those grammar skills you are killing with every LOL and BRB. The more you send and receive texts, the worse your grammar skills become, according to a recent study.”

What Good is a College Education Anyway?

“Questioning whether you should go to college? Here are five ways that a college education will make you a better person:

1. It will likely make you more prosperous.
2. It will give you a better quality of life.
3. It will give you the power to change the world.
4. It will be something you can pass on to your children.
5. It makes you a major contributor to the greatest nation on earth.”

“College may be expensive, but the only thing more expensive than getting a college education is not getting one. The income differential empowers you to make choices that enrich your life. The lifetime income of families headed by individuals with a bachelor’s degree will be about $1.6 million more that the incomes of families headed by those with a high-school diploma, according to the Postsecondary Education Opportunity Research Letter.”

“Is there anyone who wouldn’t like to live a longer, healthier life? Studies show that, compared to high-school graduates, college graduates have: longer life spans, better access to health care, greater economic stability and security, more self-confidence.”

(Continued on page 4)
February - College Planning Tips

**Sophomores:**
*Start thinking about college majors. What matches your skills and interests? Have you thought about how specific majors relate to careers?*

*Saving money is the best way to prepare for the cost of a college education. Make a spending plan for yourself where you set aside a certain dollar amount each month to help pay for college.*

*If you are an athlete hoping to play sports in college, it’s important to begin planning. Find out what the NCAA academic requirements are at [www.ncaalearninghouse.net](http://www.ncaalearninghouse.net) and check with your school counselor for more information.*

**Seniors:**
*Make sure your first semester transcripts have been sent to the college(s) you’ve applied to.*

*If you haven’t already submitted your FAFSA, you should do so as soon as possible.*

*Watch out for deadlines, including your college’s priority filing deadline and any scholarship deadlines that apply to you.*

*Keep copies of your completed federal tax returns handy. Be prepared to mail them to your college(s) if they are requested. Promptly respond to document requests made by colleges.*

**Juniors:**
*Soon you will be completing college and scholarship applications. Put together a resume listing your activities, awards, school achievements, employment and volunteer experience.*

*Make sure your senior year includes the credits needed to meet college entrance requirements. Talk to your school counselor about Advance Placement (AP) courses and College Level Examination Program (CLEP) tests. Consider taking college-level or honors classes while in high school.*

*If you are planning on taking the ACT in April, register now.*

**Parents:**
*Ask your employer if they offer scholarships or tuition reimbursement programs. Many employers offer scholarships specifically for employee’s dependents.*

*Although you may be hesitant about entering college yourself, it’s never too late. You might be thinking you’re not young enough. Maybe you’re not sure what you want to study, or you might just be overwhelmed and unsure where to begin. Many other students have felt the same, only to find success once they begin.*

**College:**
*Money Management: Even if you don’t have the cash flow you might wish for—this is the real world, remember; only a few adults ever have the cash flow they wish for—now is the time to learn how to mange your money.*

As a college student, you already have a lot to think about when it comes to finances – financial aid, credit cards, tuition, fees, grocery money, part-time paychecks. To balance it all, you need to understand budgeting and know the benefits and pitfalls of financial tools like credit.

It all takes time and practice to learn, but money management is one of the most important life skills. Build your abilities now so when your cash flow does increase, you know how to handle it.

You can find ways to reduce your college costs. Pursue scholarships and grants and fill out financial aid forms each year you enroll in high education. Start with the FAFSA.

*From: Iowa College Access Network*  
[www.icansucceed.org](http://www.icansucceed.org)
In the 1940s, high tech meant the ENIAC computer. What did the room-sized machine do? It could do five thousand additions and subtractions per second. It solved equations. And that’s all it did. In other words, ENIAC was a gigantic calculator.

If you’re using a typical computer today, you could be doing research, writing a report, instant-messaging a friend, and listening to music—all at the same time. Thanks to computer hardware engineers, computers can do a lot more than they used to do. And they’ve gotten smaller and faster, too.

Computer hardware engineers design and develop computer hardware, such as computer chips, circuit boards, modems, and printers. They also test hardware and supervise its installation.

Do you know?
In 1973, Bob Metcalfe built the first Ethernet network, the most common system that allows computers, printers, and other devices to share information.

Career: Computer Hardware Engineers

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Did You Know...?
Intel is working on computer chips that will hold one billion transistors. Compare that to the Pentium 4 chip, which holds a mere 55 million.

Outlook
Government economists expect jobs for computer hardware engineers to grow more slowly than the average for all careers through 2020. Foreign competition will limit the number of new jobs in computer design. But these engineers may find work developing computer chips for other computerized devices, such as home appliances and cars. Most of the available jobs will be in consulting firms.

Earning a computer engineering degree from an ABET-accredited program will increase your chances of finding work. Those with a graduate degree and experience with computer software should have the best opportunities.

Are you ready to.....?
* Respond to the needs and concerns of clients
* Make decisions based on data
* Write reports and instructions
* Read blueprints
* Keep up with new technology
* Work with others
* Travel to job sites

It helps to be...
A computer star, a fan of math and science, and a problem solver. If you love using computers, but like taking them apart and rebuilding them even more, this could be the career for you.

Compensation

Make High School Count
Preparation is the key to any career. To become a computer hardware engineer, you should:
* Take as many computer courses as you can.
* Challenge yourself in math and science with classes like calculus, physics, and chemistry.
* Join or start a computer club.
* Get a summer job at a computer store or an internship in a company’s information systems department.
* Sign up for electronics

-2012 The College Board
“Thirdly, more money and greater quality of life aren’t the only reasons for a college education. Institutions of higher learning continue to be among the best venues for cultivating social change.”

“The fourth point is that a college education is a legacy for your children. Research shows that children of college-educated parents are healthier, perform better academically, and are more likely to attend college themselves.”

“Education is the cornerstone of public progress. It is the essence of the democratic ideals that elevated the United States from a backward land of rebellious colonists to the greatest, most spirited, powerful and successful nation in the world.”

-by Katharine Hansen, Ph.D.

www.quintcareers.com

Word of the Month
From: Number2.com

Propensity (noun)
Bias; bent; tendency.

“Edgar’s propensity to digress worried the other members of the debate team.”

About Our Organization…
Who are we?
A life-enhancing college-prep program that provides opportunities for capable and motivated high school students to gain the academic and life skills necessary to enter and succeed in post-secondary education.

* 100% funded by a grant from the U.S. Department of Education
* Serving high school students from Iowa, Nebraska, Kansas, and Missouri since 1992

What Good is a College Education Anyway? (cont. from page 1)

“3. I don’t know how I could (lose, loose) such a big dress. It is so large that it is (lose, loose) on me when I wear it!”

“4. Worried and frayed, the old man paced the floor waiting for his daughter. (Correct/Incorrect)"

“The answers: 1. drank; 2. It’s; 3. lose, loose; 4. Incorrect (it should be ‘afraid’).”

“So, did you pass? WTG!”

By Michelle Maltais (LA Times)

YSK, teens 2 fluent in TXT (cont. from p. 1)

“Results show broad support for a general negative relationship between the use of techspeak in text messages and scores on a grammar assessment, the study said.”

“Researchers had kids from ages 10-14 take a little grammar test. Here’s a sample of the questions, so you can test yourself to see how the text saturation as affected your grammar.

“1. During the flood, we (dranked, drank, drunk, drunked) bottled water.”

“2. (Its, It’s, Its’) an honor to accept the awards presented to the club.”

“3. I don’t know how I could (lose, loose) such a big dress. It is so large that it is (lose, loose) on me when I wear it!”

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