

Upward Bound Math & Science

September 2017
Volume 6, Issue 2

Northwest Missouri State University, Maryville, MO 64468

TRIO

UPWARD BOUND MATH/SCIENCE

ACT Test Dates

Test: Oct. 28, 2017
Registration: Sept. 22, 2017

Test: Dec. 9, 2017
Registration: Nov. 3, 2017

Contact us for your ACT fee waiver today!

Make sure you have your Test Scores sent to TRIO using Code 9713



From: www.ACT.org

Sales for a business were 3 million dollars more the second year than the first, and sales for the third year were double the sales for the second year. If sales for the third year were 38 million dollars, what were sales, in millions of dollars, for the first year?

- a. 16
- b. 17.5
- c. 20.5
- d. 22
- e. 35

(Answer on page 4)



Saturday Academy Schedule – Time: 8:30 am- 12:30 pm

October 14, 2017 – NW Kansas City Center
November 4, 2017 – NW Maryville Campus
February 23 or 24, 2018 – TRIO Day - NW Maryville Campus –(time to be determined)
March 17, 2018 – NW Kansas City Center

Assistant Director's Corner

Ready, Set, Go!!

Another school year is upon us and with that comes a great opportunity for you to get started on the right foot by applying skills/ideas you learned through UBMS this past year. For those of you who participated in the past summer sessions, recall and implement the information and activities you participated in that were geared to better prepare you for class and postsecondary planning and remember to...Always Put Your Best **PAW** Forward!

Find and use a planner to help you manage your time. Implement study strategies that allow you to maximize your time and effort. Take **PRIDE** in your academic accomplishments and position yourself for future success. Be engaged in your classes and do not be hesitant to ask questions and go beyond what is expected of you. Remember the UBMS way and hold yourself to the highest expectations.

Also remember that part of preparing for college goes far beyond the classroom. UBMS challenges you to become leaders in your school and community. Identify leadership opportunities and jump in and participate in organizations in your school and community. Remember that growth and

Seniors: Ready to File the FAFSA? Here's What You'll Need— from Iowa College Access Network

Filing for financial aid is less stressful when you are prepared. Use the checklists below to help you fill out the Free Application for Federal Student Aid (FAFSA).*

Student:

- Social Security number, driver's license number and date of birth.
- 2016 federal and state tax returns.
- W-2 forms and/or other records of income earned in 2016.
- As of the date you complete the form, what is the balance of checking, savings, and investment accounts? *
- Records of untaxed income received in 2016.
- 2016 business and farm records.
- Alien registration number, if not a U.S. citizen.
- Child support paid and/or received
- A federal student aid identification (FSA ID) username and password. **
- A list of colleges/universities you wish to apply to.

Parents:

- Social Security numbers and dates of birth.
- 2016 federal and state tax returns.
- W-2 forms and/or other records of income earned in 2016.
- As of the date you complete the form, what is the balance of checking, savings, and investment accounts? *
- Records of untaxed income received in 2016 (e.g. veterans benefits, etc.)
- 2016 business and farm records.
- As of the date you complete the form, are you married? If married, what is the date of marriage? If divorced or separated, what is the date of divorce or separation?

(continued on page 4)

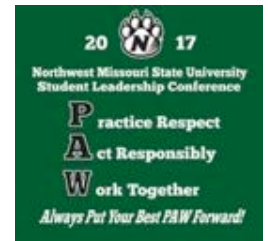


development begins when one recognizes and opportunity and breaks through that fear and takes risks. Challenge yourself to become an active/more active member of your school and community.

Finally, stay up with the activities and events happening with UBMS. Check the UBMS Facebook page and website frequently, visit with your mentor often, register for our new text message alert system (STUDENTS: <https://www.remind.com/join/2017ubm> PARENTS: <https://www.remind.com/join/2017ubmsp>) to keep informed of all the UBMS events.

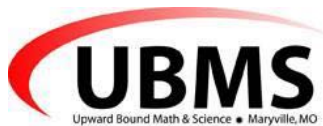
We are excited for this school year and know you will do amazing things!!

Tanya





September- College Planning Tips - *from ICAN*



Sophomores:

*Remember that the grades you earn now will affect our ability to get into college. Colleges look at all four years of high school when making their decisions.

*Earn scholarship money for classes you take, activities you are involved in, and events you attend. Visit Raise.me, create or update your account, and earn scholarship money

*Don't forget to log into College Greenlight

Seniors:

* Your senior grades really do matter. Colleges look at your overall grade point average (GPA) through all four years of high school. It's not too late to improve your GPA.

*Finalize your list of colleges. Decide which colleges best suit you and your career interests.

*Find information on admission, scholarships, and financial aid for the top schools you're considering. Take note of admission and financial aid deadlines.

*Beware of scholarship search organizations that charge a fee for service.

-From: Iowa College Access Network

College:

You hear a lot about college parties, teams and becoming a "real" adult when you talk to other students. But they, and you aren't spending all that money to go to football games or frat parties. While getting involved and becoming a well-rounded student is valuable, the most important aspect of college is getting an education and, hopefully, a degree.

Make the most of your college years by succeeding academically. Use these tips:

***Don't rush into a major.** You don't have to choose a major immediately. Take some time to find out what makes you happy.

***Change majors if you need to.** Sometimes you discover you like something else or just that you don't like what you initially chose.

Juniors:

*Keep your grades up. Colleges look at your overall GPA through all four years of high school.

*Review your college savings plan; start saving money now if you haven't already done so.

*Learn about careers that interest you with an assessment at ACTProfile.org

*Talk to your parents and your school counselor about where you want to go to college. Make sure you're on the right track by taking the necessary courses during your junior year.

Parents:

*Encourage your child to use a planner or electronic organizer to help them manage their time, set goals and stay on a path to success. Check in with your child to make sure they use one throughout each school year to keep track of assignments, activities, important dates and deadlines.

-From: Iowa College Access Network



***Meet with your academic advisor** at least once a semester.

***Choose classes wisely.** Use course catalogs, your advisor and other students as resources.

***Expand your interests** by taking some elective classes outside your major. Being well rounded is something employers like to see in applicants.

***Attend classes.** You're here to learn, not just cram for tests between more exciting pastimes.

***Get organized.** You will need to invest a little time in the beginning but the payoff is huge when you know where your notes are or you get your term paper done early.

***Balance work with classes.** It's nice to have extra money, but if you work more than 20 hours a week, you risk trouble with academics, health and relationships.

-From: Iowa College Access Network



Career: Database Administrator- from bigfuture.collegeboard.org

When you created an account on a website, you answered questions about yourself and came up with a password. But where does all that information go? How is it stored and then promptly retrieved each time you log in?

Just ask database administrators. Thanks to their efforts, your data and the data of thousands of other users remains secure and accessible.

Database administrators organize, track, and store information for businesses and other organizations. They also design and coordinate database security systems.

Did you know?

The United Network for Organ Sharing uses a database to match donated hearts, lungs, and other body organs to the people who need them.

Did You Know...?

Database administrators must know a programming language for managing databases called SQL.

Outlook

Government economists expect jobs for **Database Administrators** to grow much faster than the average for all careers through 2020. There will probably be more jobs than qualified people to fill them. For the best opportunities, get experience with new technology.

Companies have a lot of data to maintain these days, and they will need administrators to organize and secure it. There should be strong job growth in the health care industry, in which databases are increasingly used to keep track of patients' records.

Compensation

The U.S. Bureau of Labor Statistics estimates that in 2011 the average yearly salary of:

***Database Administrator:**
\$77,350

Did you know?

Some employers prefer applicants with a computer major followed up with a master's degree in business information systems.

Are you ready to....?

- * Learn database-programming languages
- * Interview users to learn more about their database needs
- * Test databases
- * Make sure data is secure
- * Coordinate your efforts with a team of computer specialists and managers
- * Continue to update your knowledge of the best tools for organizing and storing data

It helps to be...

curious about new technology and adaptable. Employers look for people who can learn new systems quickly and start putting them to use right away.



Database Administrators at work.



Make High School Count

Preparation is the key to any career. To become a **Database Administrator**, you should:

- * Take as much advanced math as your school offers.
- * Make the most of your science classes. They train you to think logically.
- * Sign up for computer science classes. If your high school doesn't offer any, look into summer classes for precollege students at local two-or four- year colleges.
- * Consider attending computer science summer camp.
- * Sign up for a business class to get a sense of how databases can help organizations.
- * Keep up with the latest news in computer technology.

Education:

To land most jobs as a database administrator, you'll need at least a bachelor's degree and related work experience.

-*bigfuture*: by the 2017 The College Board

TRIO
UPWARD BOUND MATH / SCIENCE





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We're on the Web!

See us at:

www.nwmissouri.edu/trio/ubms

From Dr. Jasinski, NWMSU President:

"You have the power to change the world for the better. You have the ability to speak out against hate in a productive and peaceful manner. You have the power to forge *unity* in the face of evil. You have the strength and courage to do what is right. We as a people have the ability to drown out the seeds of hate and sow the seeds of love."

8/22/2017

www.ACT.org

For
Question on page 1

Answer: A

Seven Habits That Help Students Begin Their Year Well– (by Tim Elmore)

1. Make up your mind before you make up your bed. You have to choose the right attitude.

2. Choose to give. Get in the habit of generosity.

3. Determine your River. Successful students must be "Rivers" – they find a single direction and flow toward a specific goal.

4. Decide on outcomes, then work backward. Determine where you want to end up, what your target is at year's end, and then ask, "What steps do I need to take to get there?"

5. Schedule your priorities. Put your most important activities first.

6. Treat deadlines like accountability partners. Write them down and take them seriously.

7. Choose who you lose. Be intentional about your friends. Choose them wisely, knowing you can't be close with everyone.

By: Tim Elmore –
Wednesday, September 10, 2014



Ready to File the FAFSA? Here's What You'll Need - (continued from page 1)

- Alien registration number, if not a U.S. citizen.
- Child support paid and/or received.
- A federal student aid identification (FSA ID) username and password. **

IRS Data Retrieval: The IRS Data Retrieval Tool within the FAFSA application can be used to automatically pull your 2016 tax information into your FAFSA application. Have your W-2s on hand as a reference.

Helpful Tips-

****The FSA ID** – The FSA ID is a user name and password that will confirm your identity when accessing your financial aid information. If you and your parent(s) each want to electronically sign the FAFSA, you each need to have an FSA ID. The FAFSA requires the student

and ONE parent to each sign the FAFSA with an FSA ID. To learn about setting up an FSA ID, go to www.icansucceed.org/fsaid.

When Should I File? The 2018-19 FAFSA form will be available October 1, 2017. Each college has a priority deadline for the FAFSA. You should file the FAFSA before the priority deadline. If you are applying to multiple schools, file by the earliest deadline.

* **Please refer to the 2018-19 FAFSA guide for a more detailed explanation. After October 1, 2017, visit <http://fafsa.gov/options.htm> and click the link to 2018-2019 School Year.**

From ICAN

Seniors: Don't miss out on available state, federal and school grants, work-study and loans. Check in with your school counselor for applications and information.

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

