

# EXPLORE TEST

8<sup>TH</sup> GRADE VERSION OF ACT  
ARE YOU COLLEGE READY?  
ENGLISH, MATH, READING, SCIENCE  
INDIVIDUAL STUDENT  
SCORES  
TEST WAS TAKEN IN SEPTEMBER

Mrs. Belt's Classes (1, 3, 4, 5, 8)

Mrs. Robertson's Classes (2, 3, 4, 5)

# MATERIALS

- Please do not touch the materials that we place on your desk until we tell you to do so.
- Mrs. Belt/Mrs. Rob will distribute ...
  - Your actual EXPLORE test booklet (Form )
  - Your individual SCORE REPORT
  - 2012/2013 Using Your Explore Results
- If you did not receive a test booklet, then you didn't put your name on it, and Mrs. Belt/Mrs. Rob will give you a blank one. Please raise your hand if you need a test booklet.
- Please check that your name is on the test booklet and score report. Make sure that you didn't accidentally get someone else's reports.
- If you are missing any 1 of the 3 items above, please let us know.
- These materials are yours to take home. Please keep!



# COMMUNICATION

- If you'd like a **copy of this powerpoint**, please let us know
  - A piece of paper is going around the room, please put your name and email address on it OR if you don't have email, put your name and the words "hard copy" on it.
- Feel free to take notes on your "Using Your Explore Results" pamphlet



# SCORES

- Explore Scores range from 1-25
  - Plan is 10<sup>th</sup> grade version and ranges from 1-32
  - ACT is 11<sup>th</sup> grade version and ranges from 1-36
- The EXPLORE is benchmarked for 8<sup>th</sup> grade!!!
- If you met the benchmark score in a subject area, it means there is a ...
  - 50% chance you'll make at least a "B" in your first college course in that subject area
  - Or 75% chance you'll make at least a "C" in your first college course in that subject area
- If you do not meet benchmark on ACT, you must pay to take remedial college courses (these cost money, take time, and don't count toward a degree)



# EPAS BENCHMARKS

## SEPT. 2013

	50% chance "B"	EXPLORE (8th)	PLAN (10th)	ACT (11th)	COMPASS	CPE for ACT
Test	College Course	1-25	1-32	1-36		
English	Eng Comp	13	15	18	77	18
Math	Algebra	17	19	22	52	19
Reading	Social Science	16	18	22	89	20 ???
Science	Biology	18	20	23	NA	
						SB 1 Benchmarks

**Math** ACT of 19+ allows students to take credit bearing math at college in KY  
 ACT of 22+ allows students to take college algebra

ACT of 27+ allows students to take college calculus



# COLLEGE INFO

- [www.3x3links.com/mathhelp](http://www.3x3links.com/mathhelp) Khan Academy has videos; Wolfram Alpha works problems
- [www.3x3links.com/college](http://www.3x3links.com/college) FREE Scholarship searches, FAFSA, Occupational Outlook Handbook; broken links will be repaired
- Do taxes ASAP during senior year of HS and each year of college for FAFSA
- KHEEA book Affording Higher Education lists local county, state, national, AND college scholarships; see guidance counselor too Please don't avoid scholarships that require essays; most are 500 words (one page) and can be tweaked from application to application
- Health Care allows no visible tatoos; many companies require drug testing;
- can't get Federal Financial Aid if drug conviction;
- Employers do background checks (Facebook page, music on phone, spelling, email address, incomplete application, etc.
- Make sure to do community service; requirement for all non-financial need based scholarships --- track in ILP.
- ILP will print a resume (assessments, awards, work experience, community service, etc.) ILP has college checklist (under "Schools" tab then "Planning Timeline") ILP 4 year course plan in 8th grade: Click favorite career in "Career Matchmaker" then "At a glance" and "Education" -- suggested plan is there
- Colleges have resources (ask questions -- they'll have brochures, etc.)
- Students may invite others to view ILP (college scouts,etc.) -- 30 MB of FREE storage in "My Documents" Continuously UPDATE ILP. Only down for about one week to roll-over (last of June-first of July)
- WKCTC Transfer Scholarship
- **TAKE THE PSAT TEST IN 11th grade (PSAT/NMSQT).** Practice in 10th Use the EXPLORE test booklet and score report to re-work test from (7th and) 8th grade Use the PLAN test booklet and score report to re-work test from (9th and) 10th grade PURCHASE the ACT test booklet & score report (only certain testings – June, etc. --about \$17) and re-work all missed, practice, etc.
- KEES Money (4.0 GPA each year and 28 composite on ACT = \$2500/year for Kentucky college)



# 7<sup>TH</sup> GRADE DUKE TALENT IDENTIFICATION PROGRAM (DUKE TIP)

- Please bring your scores to Mrs. Shannon to copy
- If your parents tweet to me, I'll put on LCMS Twitter
- Lauren Schmitt and Emily Owens have already met ACT benchmarks in English and Reading in 7<sup>th</sup> grade!!! They are ready for college, credit-bearing courses in these areas TODAY as a 7<sup>th</sup> grader.



# WHAT DOES BENCHMARK MEAN?

- Look at left side of score report under “COMPOSITE SCORE” (in blue box)
  - By English, please pencil in 13
  - By Mathematics, please pencil in 17
  - By Reading, please pencil in 16
  - By Science, please pencil in 18
- If your score is  $\geq$  the score you wrote in, then if you **continue** to learn, you will probably NOT have to pay for college remedial courses (saves time and money)
- If your score is  $<$  the score you wrote in, then you need to follow the suggestions on page 2 and 3 of your SCORE REPORT. This will get you ready for college. If you don't do something, you will have to take remedial courses in college (costs \$\$\$ and time).





# COMPOSITE SCORE

- “Average” of all 4 tests (English, math, reading and science)
- Remember – you’re college ready if you continue to work hard and take challenging courses in high school. There is still a lot that you need to learn!!! The EXPLORE is based on 8<sup>th</sup> grade competencies.
- If not college ready, you still have time. 😊
- Re-work the test to learn valuable skills and test taking strategies.



# 2 SUBSCORES UNDER ENGLISH SCORE RANGE FROM 1-12

## ○ Usage/Mechanics

- Punctuation
- Grammar and usage
- Sentence structure

## ○ Rhetorical Skills

- Understanding of the
  - use of strategy
  - organization
  - style of writing



# 4 EXPLORE TESTS

- English Test
  - 40 questions; 30 minutes (prose passages, MC ?s)
    - Usage/Mechanics (25 questions)
      - Punctuation (6 questions)
      - Grammar and usage (8 questions)
      - Sentence structure (11 questions)
    - Rhetorical Skills (15 questions)
      - Understanding of the
        - use of strategy (5 questions)
        - Organization (5 questions)
        - style of writing (5 questions)
- Math Test
  - 30 questions; 30 minutes (quantitative reasoning)
    - Pre-Algebra (10 questions)
    - Elementary Algebra (9 questions)
    - Geometry (7 questions)
    - Statistics/Probability (4 questions)
- Reading Test
  - 30 questions; 30 minutes (reading comprehension from 3 prose passages-explicit and implicit meanings)
    - Prose fiction (10 questions)
    - Social Sciences (10 questions)
    - Humanities (10 questions)
- Science Test
  - 28 questions; 30 minutes (3 units life, 1 unit Earth/space, 2 units physical)
  - 6 sets of scientific information conveyed in one of three different forms
    - Data Representation (12 questions)
    - Research Summaries (10 questions)
    - Conflicting Viewpoints (6 questions)



# WHERE MAY I GO FOR MORE INFORMATION?

- [www.explorestudent.org](http://www.explorestudent.org)
- This website will also give job information (descriptions, salary, growth, entry requirements, and related occupations, etc.)
- COLLEGE & CAREER info
  - [www.3x3links.com/college](http://www.3x3links.com/college) (let me know if I need to add sites to this one)
- Other websites for career information
  - Military: [www.todaysmilitary.com](http://www.todaysmilitary.com)
  - Occupational Outlook Handbook (or in book form at library—future outlook for job): [www.bls.gov/oco](http://www.bls.gov/oco)



# PAGE 1 OF YOUR SCORE REPORT

- Look at “Percent of students scoring at or below your score” in each area “in the U.S.” (50% means you’re average here).
- Please do not use your scores in the school or state. Colleges look at U.S. scores.
- Look at “Your High School Course Plans Compared to Core.” The black line is how many years you should take the subject indicated. Make sure the gray line is that long. If not, plan to take more years of that subject **AT A MINIMUM**.
- Look at “College Readiness” Section. Checks in appropriate boxes let you know what you need to work on to be college ready.



# MAKE A LIST

- If you are college ready in all 4 areas, please raise your hand.
- If you scored a 25 in any area, please raise your hand.
- Mrs. Belt/Mrs. Rob will list your name.
- If you'd like an electronic or hard copy of this powerpoint, please list name and email OR name and "hard copy" on the piece of paper coming around the room.
- LCMS is very proud of you!!!



# PAGE 2 AND 3 OF YOUR SCORE REPORT

- The correct answers and answers you gave for each question on each test are here.
- Note headings
  - + is correct answer
  - O is no response (YOU SHOULD GUESS ON EXPLORE)
  - \* means marked more than one answer
- Note comments
  - # correct out of # possible
  - # you omitted (should be zero – test taking strategy)
  - # you got incorrect
- Note suggestions for improving your skills
  - Plan now to be ready for college!!!! Do what they recommend!!!!!!!!!!!!!!!!!!!!



# PAGE 4 OF YOUR SCORE REPORT

- World-Of-Work Map (100s of job)
- 26 career areas (groups of similar jobs - alphabet) according to their basic work tasks involving people, things, data, and ideas (see wheel around outside – 12 regions).
- Career Area List (what you chose as a career area is highlighted with gray)
- World-of-Work map has gray on what your interests show from the interest inventory that you took. If region 99 is highlighted, your interests were varied and showed no clear direction.





# MOST IMPORTANT

- Do suggestions on page 2 and 3
- Continue working hard!!!
- Take challenging courses
- Rework EXPLORE, PLAN, and buy ACT test booklet and rework it too
- READ A LOT (any book you enjoy)
  
- Use the ILP tool!!!
- Complete the ILP.
- Have your parent review the ILP.



# WHAT SHOULD I DO WITH THIS INFORMATION TO GET COLLEGE OR CAREER READY?

- Rework the EXPLORE test every year before you take it in September to practice (teachers have many copies of different forms). Ask your teachers if you don't understand how to do a problem. Follow the directions on YOUR EXPLORE SCORE REPORT for what you need to study to make benchmark on PLAN.
- You will take the PLAN test (10<sup>th</sup> grade version of ACT in September). You will get the same 3 items (test booklet, score report, Using your results). Rework those problems. Follow the directions from YOUR plan SCORE REPORT on what you need to study to make benchmark on ACT.
- ACT in March of Junior year for state scores. You may take it as many times as you wish. You may buy your actual test booklet for \$17 with a report that tells you what you answered and what the correct answer was. You can use this to study until you make benchmark. If you do this, you should benchmark. NOTE: Only certain national ACT testings allow you to buy test booklet (**Dec**, **April**, **JUNE**, etc.). Fill out Test Information Release when you register for test or within 3 months of test date.



# “USING YOUR EXPLORE RESULTS” BOOKLET

- Page 12 of “Using Your EXPLORE Results” booklet has coursework planner



# KEES

## KENTUCKY EDUCATIONAL EXCELLENCE SCHOLARSHIP

- Money for high school GPA (Grade Point Average). A=4, B=3, C=2, D=1, F=0
- GPA 2.50 Amount \$125 PER YEAR THAT YOU HAVE THIS GPA
  - 2.60 \$150
  - 2.75 \$187
  - 2.80 \$200
  - 2.90 \$225
  - 3.00 \$250
  - 3.10 \$275
  - 3.20 \$300
  - 3.25 \$312
  - 3.30 \$325
  - 3.40 \$350
  - 3.50 \$375
  - 3.60 \$400
  - 3.70 \$425
  - 3.75 \$437
  - 3.80 \$450
  - 3.90 \$475
  - 4.00 GPA (straight As) \$500 per year that you have this GPA



# KEES

○ Money for highest ACT composite score (shoot for 28)

## ○ ACT Score Bonus

- 15 Composite on ACT gets you \$36 every year you're in college
- 16 \$71
- 17 \$107
- 18 \$143
- 19 \$179
- 20 \$214
- 21 \$250
- 22 \$286
- 23 \$321
- 24 \$357
- 25 \$393
- 26 \$428
- 27 \$464
- 28+ \$500



# KEES

- Money if you get F/R Lunch and score well on AP tests
- Advanced Placement (AP) Exam Score Supplemental Amount
  - Score of 3 on AP exam gets you \$200 every year in college
  - 4 \$250
  - 5 \$300
- International Baccalaureate Exam Score Supplemental Amount
  - 5 \$200
    - 6 \$250
    - 7 \$300



# IS TESTING THAT IMPORTANT?

- 10<sup>th</sup> grade: PLAN (10<sup>th</sup> gr version of ACT)
  - Also recommend practice with PSAT and ACT
- 11<sup>th</sup> grade: ACT for state accountability
  - **PSAT/NMSQT** for BIG DOLLAR SCHOLARSHIPS (11<sup>th</sup> grade yr!!!)
- 12<sup>th</sup> grade: may take ACT again to get 28 composite (higher score increases KEES money, etc.)
- Test to enter Graduate School(teacher, etc.): GRE
- Law School Admissions Test (LSAT)
- Medical School Admissions Test(MCAT)
- Professional Licensure: Praxis (teacher), Bar (Lawyer), Boards (Cosmetologist, etc.), etc.



# REMEMBER

- There's lots of money to send you to college for FREE (no matter your circumstance) as long as you have a good GPA and decent ACT scores.
- You canNOT receive federal MONEY (grants, etc.) if you have a DRUG CONVICTION on your record!!!
- Males: You must register with selective service to qualify for federal money
- YOU need to LIST community service, activities, awards, assessments, etc. in ILP!!!!!!!!!!!!!!!!!!!!!!!!!!!!
- Look for scholarships now at [www.3x3links.com/college](http://www.3x3links.com/college)





# WHAT IS #1 THING YOU CAN DO TO HELP PREPARE FOR COLLEGE?

## Higher Math = Higher Education

Taking these courses in high school increases the odds of earning a Bachelor's Degree:

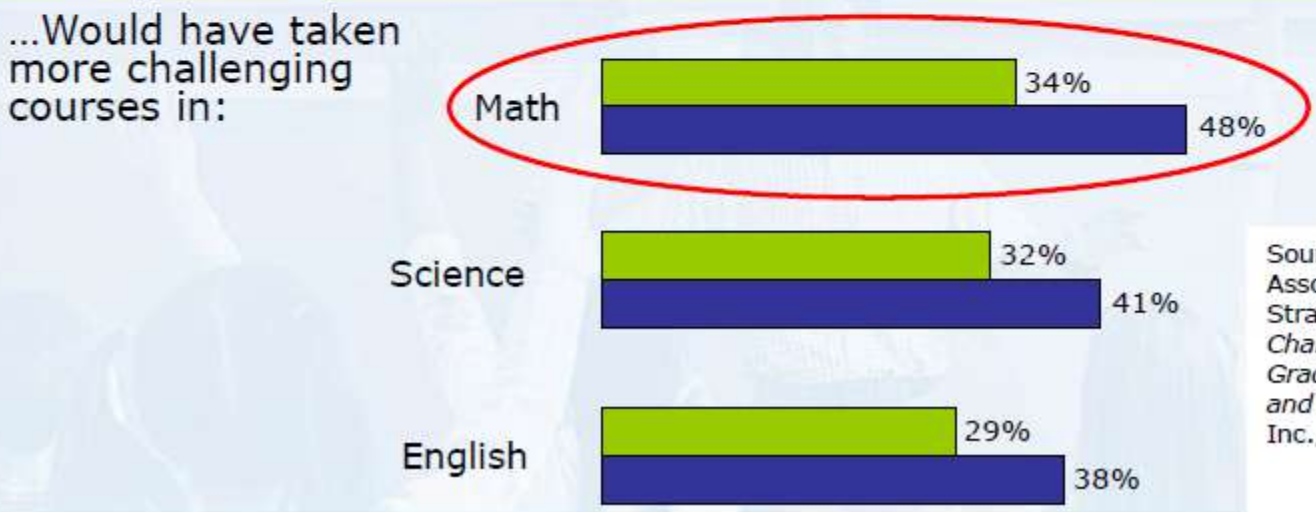
High School Course Title	Percentage of High School Graduates Completing This Course Who Earned a Bachelor's Degree by Age 30
Algebra I	8%
Geometry	23%
Algebra II	40%
Trigonometry	62%
Pre-calculus	74%
Calculus	80%

*Answers in the Tool Box: Academic Intensity, Attendance Patterns, and Bachelors Degree Attainment, U. S. Department of Education, Clifford Adelman (1999)*



# Nearly Half of Grads Entering the Workplace Regret Not Taking More Advanced Math Courses in H.S.

## ***Knowing what you know today about the expectations of work ...***



Source: Peter D. Hart Research Associates/Public Opinion Strategies, *Rising to the Challenge: Are High School Graduates Prepared for College and Work?* prepared for Achieve, Inc., 2005.

# College Experience

The level of math preparation is the *single* most important high school curricular experience to predict college success.



*Answers in the Tool Box: Academic Intensity, Attendance Patterns, and Bachelors Degree Attainment*, U. S. Department of Education, Clifford Adelman (1999)

## *Shut Out of the Military:*

*Today's High School Education Doesn't  
Mean You're ready for Today's Army*

"... finds that more than one in five young people interested in enlisting do not meet the minimum eligibility standard required for the Army (as measured by the Armed Forces Qualification Test, comprised of four academic subtests of the ASVAB)."

from: *The Education Trust*  
December 2010

## **A Few ASVAB Practice Math Questions:**

### Arithmetic Reasoning:

A car travels 288 miles in 6 hours. At that rate, how many miles will it travel in 8 hours?

- A. 360
- B. 368
- C. 376
- D. 384

### Mathematics Knowledge:

A man needed  $2\frac{1}{2}$  gallons of driveway topping to weather seal  $\frac{1}{3}$  of his driveway. How many more gallons will he need to finish weather coating the driveway?

- A.  $7\frac{1}{2}$  gallons
- B. 6 gallons
- C.  $6\frac{1}{2}$  gallons
- D. 5 gallons

If it takes 7 days to fill a diving pool to a depth of 14 feet, what is the average daily rate of fill per hour?

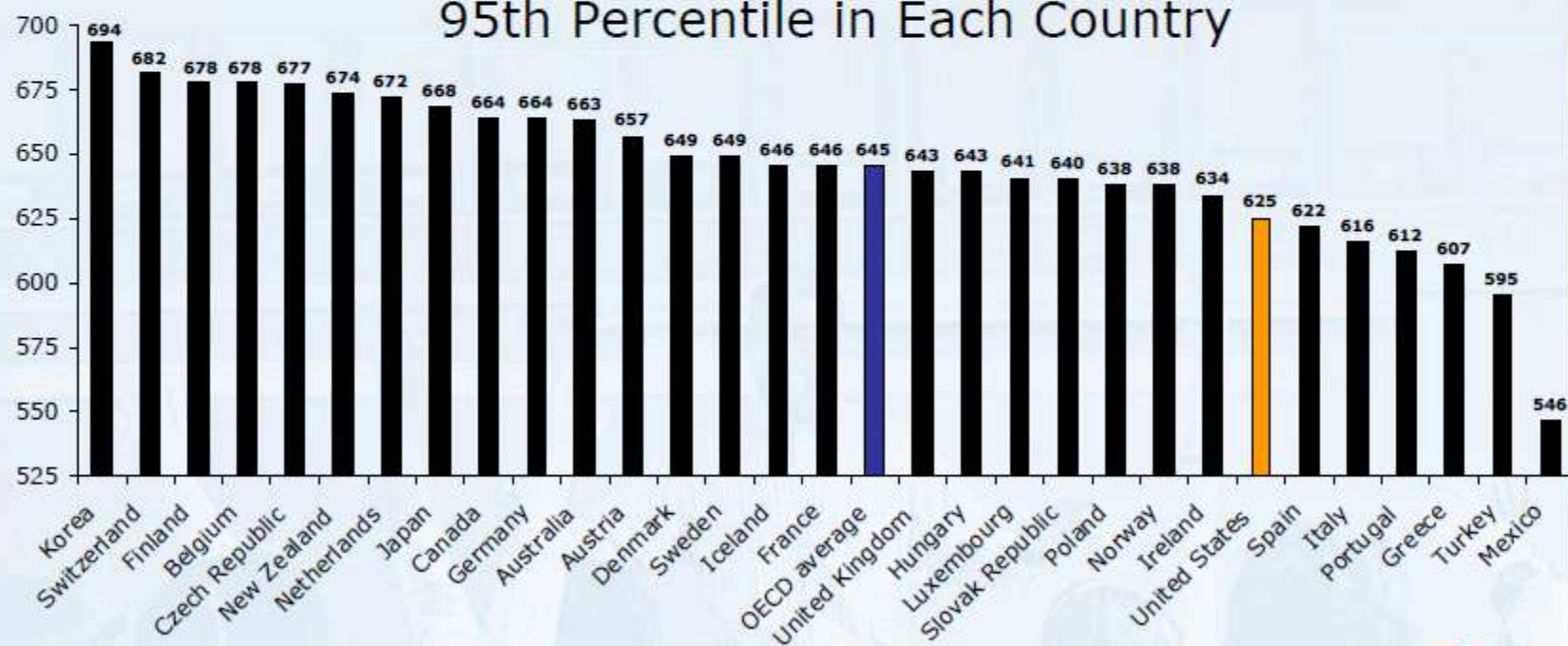
- A. 2 inches per hour
- B. 1 inch per hour
- C. .5 inches per hour
- D. 1.5 inches per hour

Consider this question...

Can the math proficiency of a student serve as predictor of post secondary school success as well as an indicator of future employment?

## Top U.S. 15-Year-Olds Rank Only 24th in Math Compared with Top Students Internationally

Students Performing at the 95th Percentile in Each Country

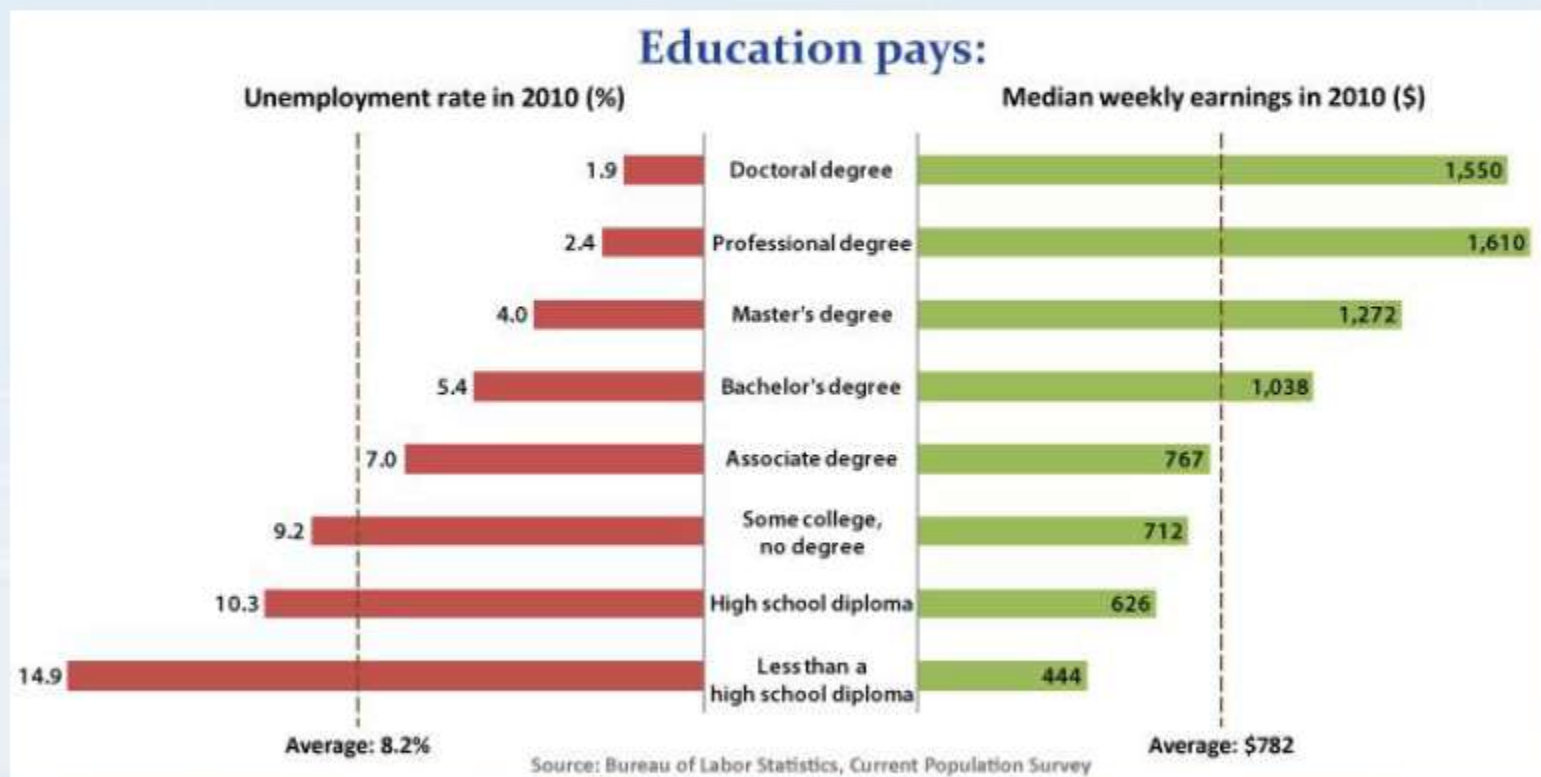


Source: Organization for Economic Cooperation and Development. (2007, December). *PISA 2006 Volume 2: Data*. (Page 230, Table 6.2c)

NOTE: Scores are for the students performing at the 95th percentile in each country.

## Education pays ...

Education pays in higher earnings and lower unemployment rates



Note: Data are 2010 annual averages for persons age 25 and over. Earnings are for full-time wage and salary workers.  
Source: Bureau of Labor Statistics, Current Population Survey.

# Factors Influencing College Freshmen

- Students who take a remedial math course are nearly 1.5 times more likely to dropout or transfer than students who do not need remedial math instruction.
- Students who pass a first-year, non-remedial math course in their first term are nearly 3 times more likely to stay in college than students who do not pass.
- Students who choose a major that requires math at the Calculus I level or higher are 26% more likely to stay in college than students who choose a major that has minimal mathematics requirements.

Measuring Determinants of Student Return vs. Dropout/Stopout vs Transfer: A First-to-Second Year Analysis of New Freshmen Serge Herzog, Ph.D.

<http://www.unr.edu/ia/research/AIR2004PowerPoint.pdf>

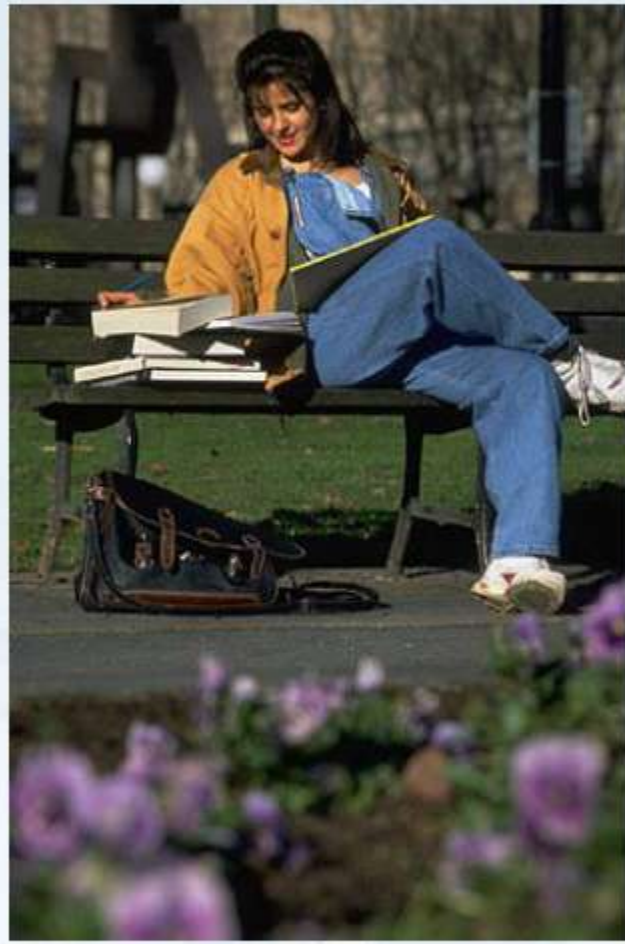




# Research Indicates

College students who take *no* math in either the fall or spring of their freshman year are 5 times less likely to return for their second year.

<http://www.unr.edu/ia/research/AIR2004.pdf>





# COLLEGE CREDIT WHILE IN HIGH SCHOOL

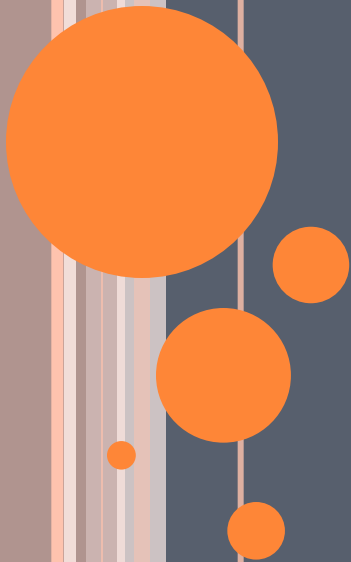
Your Parents will LOVE you. 😊

# WWW.3X3LINKS.COM/COLLEGE

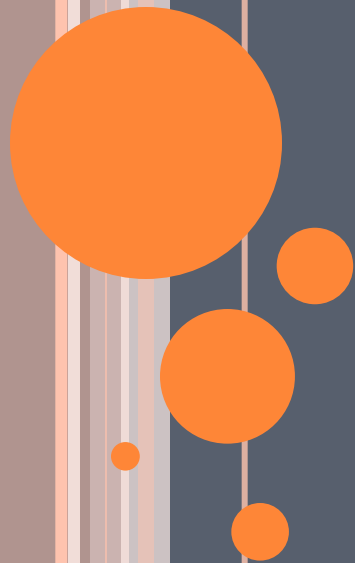
- **Gatton Academy** for math and science at WKU
  - 11<sup>th</sup> And 12<sup>th</sup> grade year
  - <http://www.wku.edu/academy/>
  - 2 FREE years of COLLEGE while doing HS too
- Commonwealth Honors Academy at MSU
  - Summer of 11<sup>th</sup> grade year
  - <http://www.murraystate.edu/cha/>
- Governor's Scholars
  - <http://gsp.ky.gov/>
  - <http://www.kentuckygsa.com/>
  - <http://gse.kstc.com/>
- Dual Credit Courses
- AP courses with score of 3-5 on AP exam



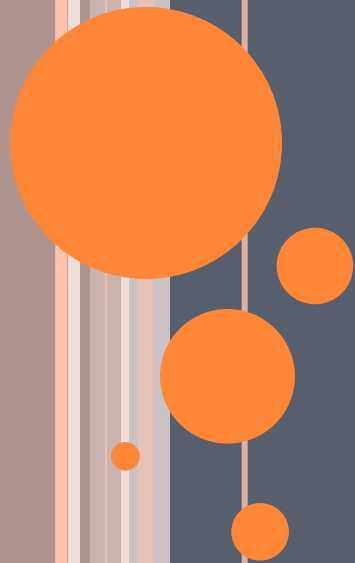
# EXPLORE SCHOOL DATA



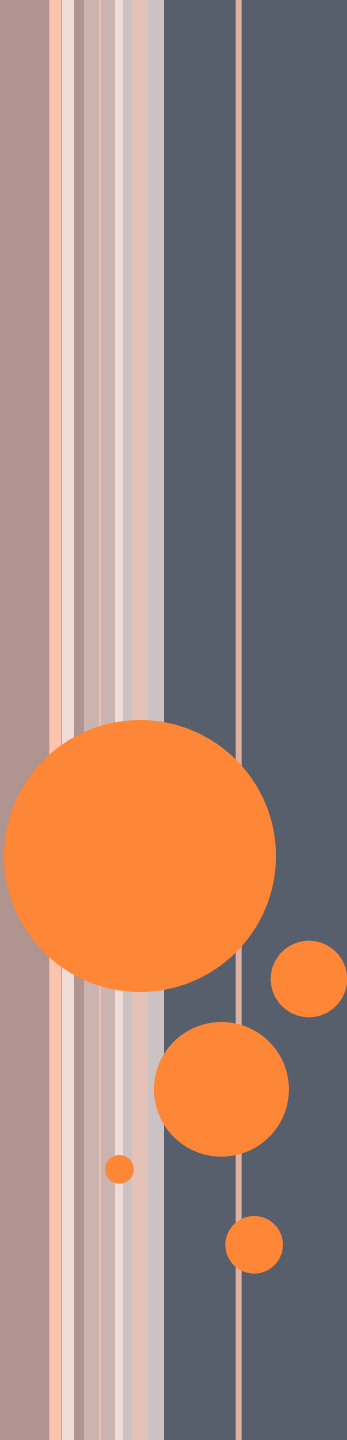
# MATH LEARNIN G CHECKS



# K-PREP SCHOOL DATA



# OTHER TESTING DATA



See me if you want to know your scores, need math help, college help, ideas for options after high school, etc.

# INDIVIDUAL SCORES

- AIMSweb or EasyCBM (if in intervention or enrichment)
- MAP (on computer 3 times per year)
- K-PREP (in May each year - formerly referred to as the CATS test)
- APEX (In computer lab with Mrs. Ferguson)
- ALEKS or AAA Math, or Catch Up Math
- EXPLORE (September of 8<sup>th</sup> grade year)
- Infinite Campus classroom grades
- Learning Checks (each 9 weeks in class)
- Use your ILP (college cost & comparison, course planning, track community service, resume, invite colleges to view, etc.)
- etc.





# FUTURE PLANS

- Read all the information that I gave you!!!
- Read all the information that you'll get in the future!!!
- Hard work will get you anything that you desire!!!
- Research web
- Use ILP and resources mentioned today
- Talk to your parents, peers, teachers, folks in your career area of interest, etc.



# EXPLORE INDIVIDUAL SCORE REPORT

- You will get your score report.
- You will also get your ACTUAL EXPLORE test booklet. You will have this to practice for tests in the future!!!
- You take home the “Using Your Explore Results” booklet.
- Please put your name on the list going around room if you want ANYTHING ELSE to take home today!!!



# QUESTIONS

- Do you have any questions?
- Thanks for your time and attention.
- Good luck in your future planning!!! 😊
  
- A list is being passed around the classroom. If you'd like a copy of your scores TODAY, please put your name on the list.
- If you'd like a copy of this PowerPoint, please give me an email address (if you don't have email, I will copy for you if you let me know).

