



ALIGNING MATH

WITH INDUSTRY
EXPECTATIONS



ALIGNING MATH

WITH INDUSTRY EXPECTATIONS

Riverdale High School

- Math Teacher
- 15 years experience
- Algebra
- Daily Math

LELAND
HOWARD

ALIGNING MATH

WITH INDUSTRY EXPECTATIONS

VICTOR
CHAVEZ

Carpenters & Millwrights Training Center New Orleans

- Carpenter Instructor
- 5 years teaching
- 13 years of experience

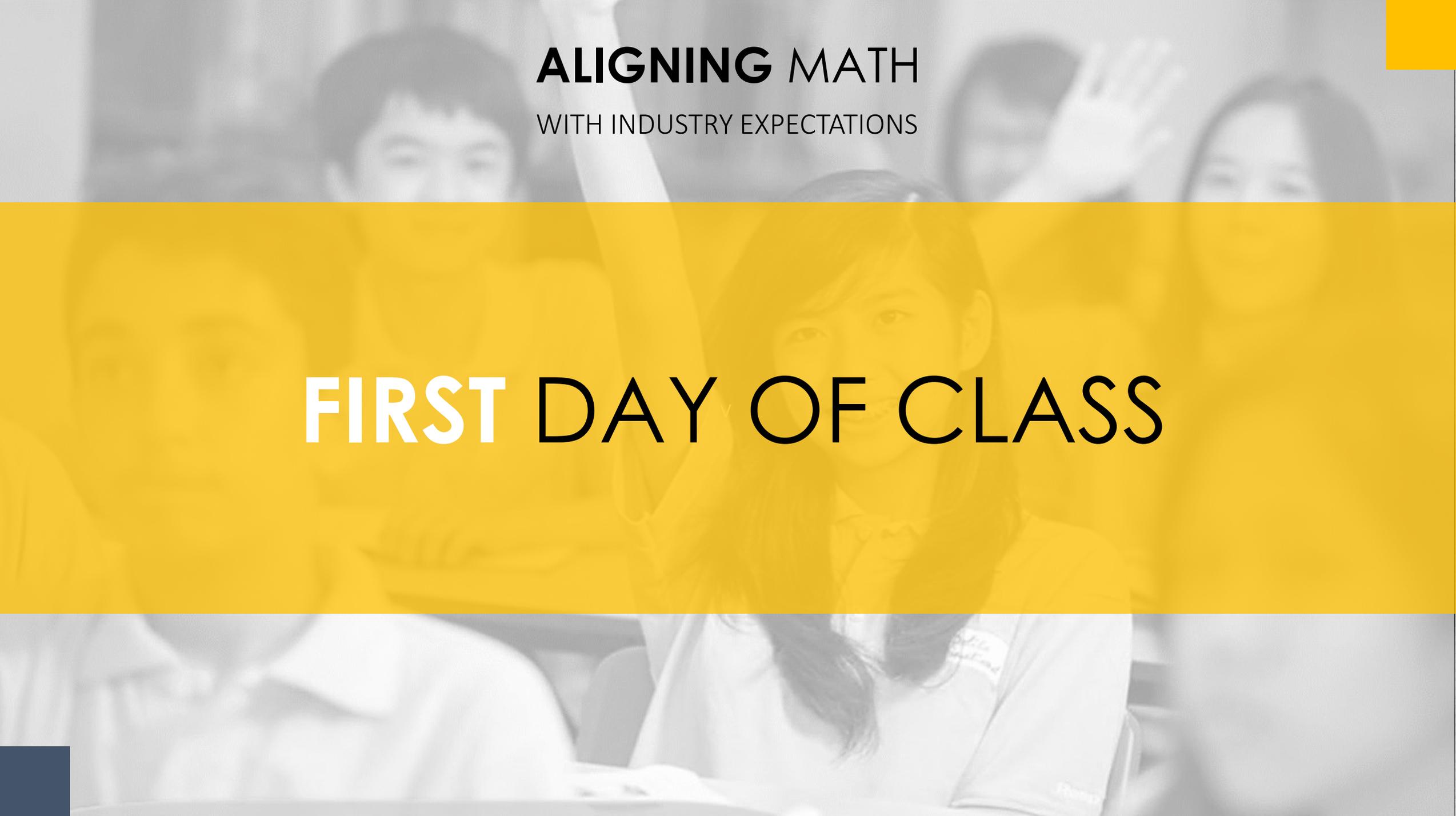
ALIGNING MATH

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Carpenters & Millwrights Training Center Baton Rouge

- Carpenter Instructor
- 5 years teaching
- 21 years of experience

CHAD
WILLIAMS

The background is a grayscale photograph of a classroom. Several students are visible, some with their hands raised. A large, semi-transparent yellow horizontal band is overlaid across the middle of the image. In the top right corner, there is a solid yellow square. In the bottom left corner, there is a solid dark blue square.

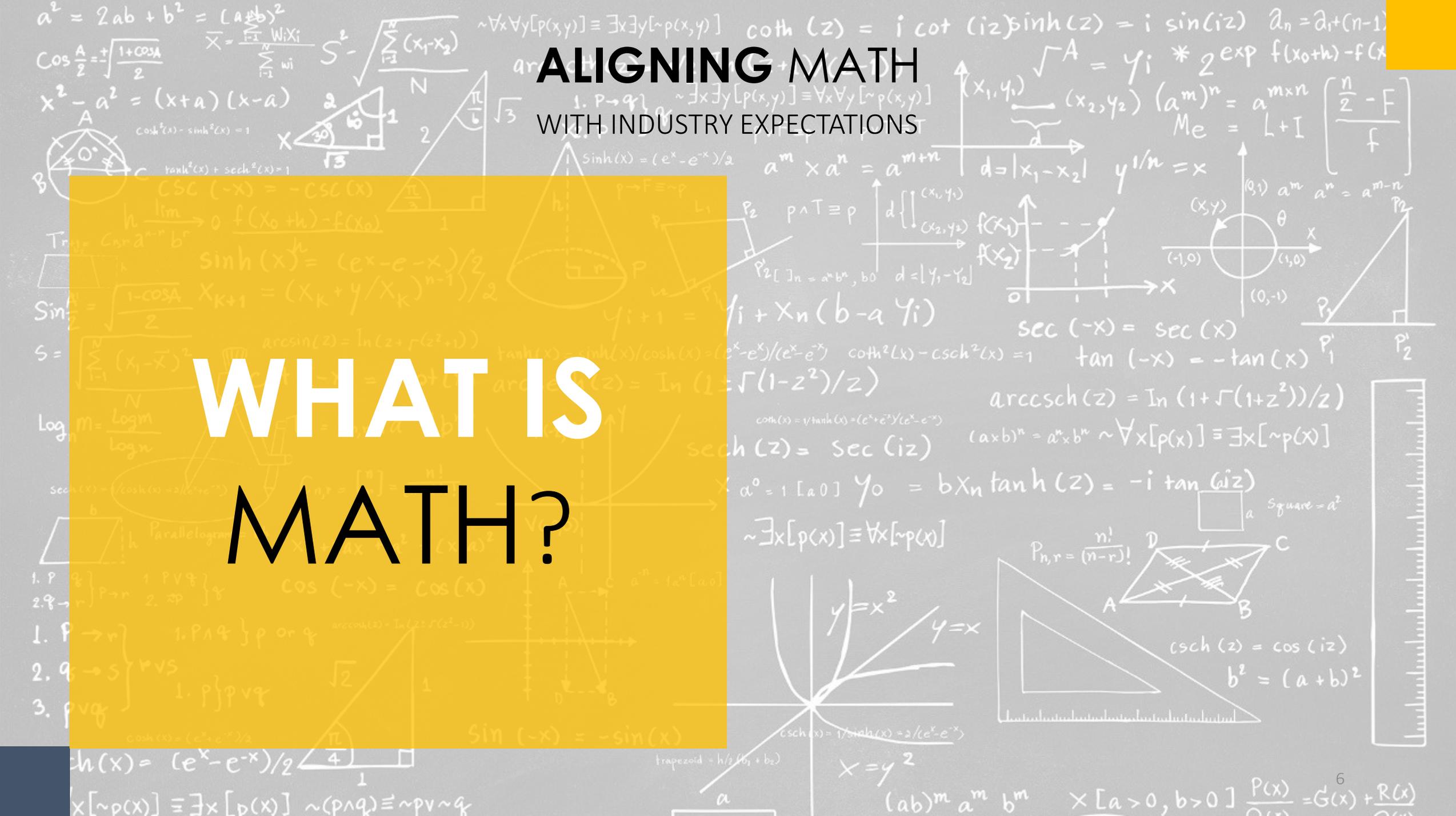
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FIRST DAY OF CLASS

ALIGNING MATH WITH INDUSTRY EXPECTATIONS

WHAT IS MATH?



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Ancient Greek μάθημα (máthē ma), meaning "that which is learnt"

Its adjective is μαθηματικός (mathēmatikós), meaning "related to learning"

WHAT IS
MATH?



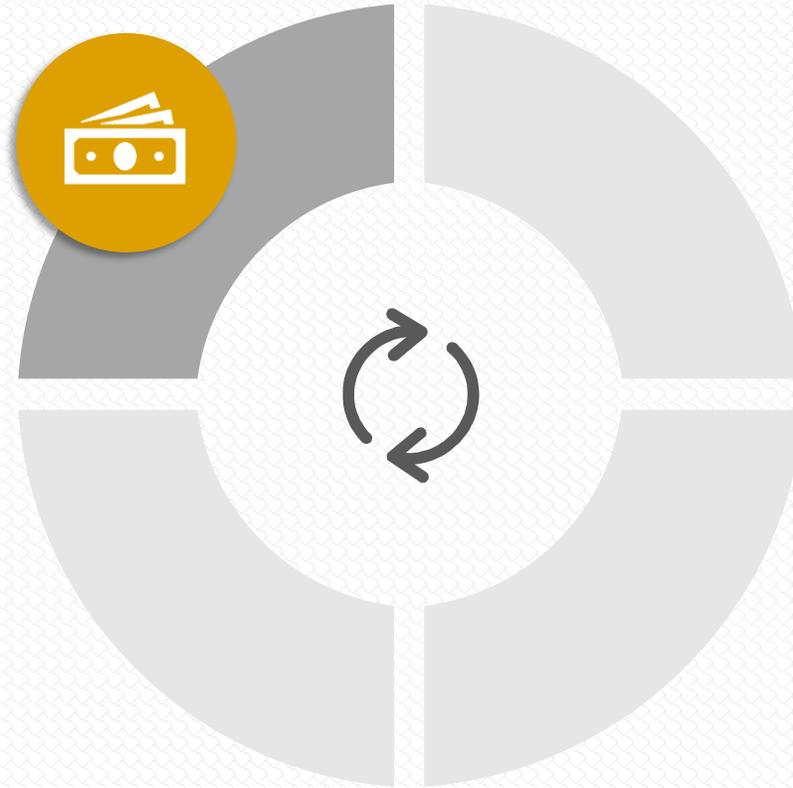
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QUESTION TIME

ALIGNING MATH

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BILLS & CREDIT CARD DEBT



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BILLS & CREDIT CARD DEBT



STUDENT LOANS



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BILLS & CREDIT CARD DEBT



STUDENT LOANS



GOVERNMENT TAXES



ALIGNING MATH

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BILLS & CREDIT CARD DEBT



STUDENT LOANS



SAVINGS



GOVERNMENT TAXES



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SAVINGS?

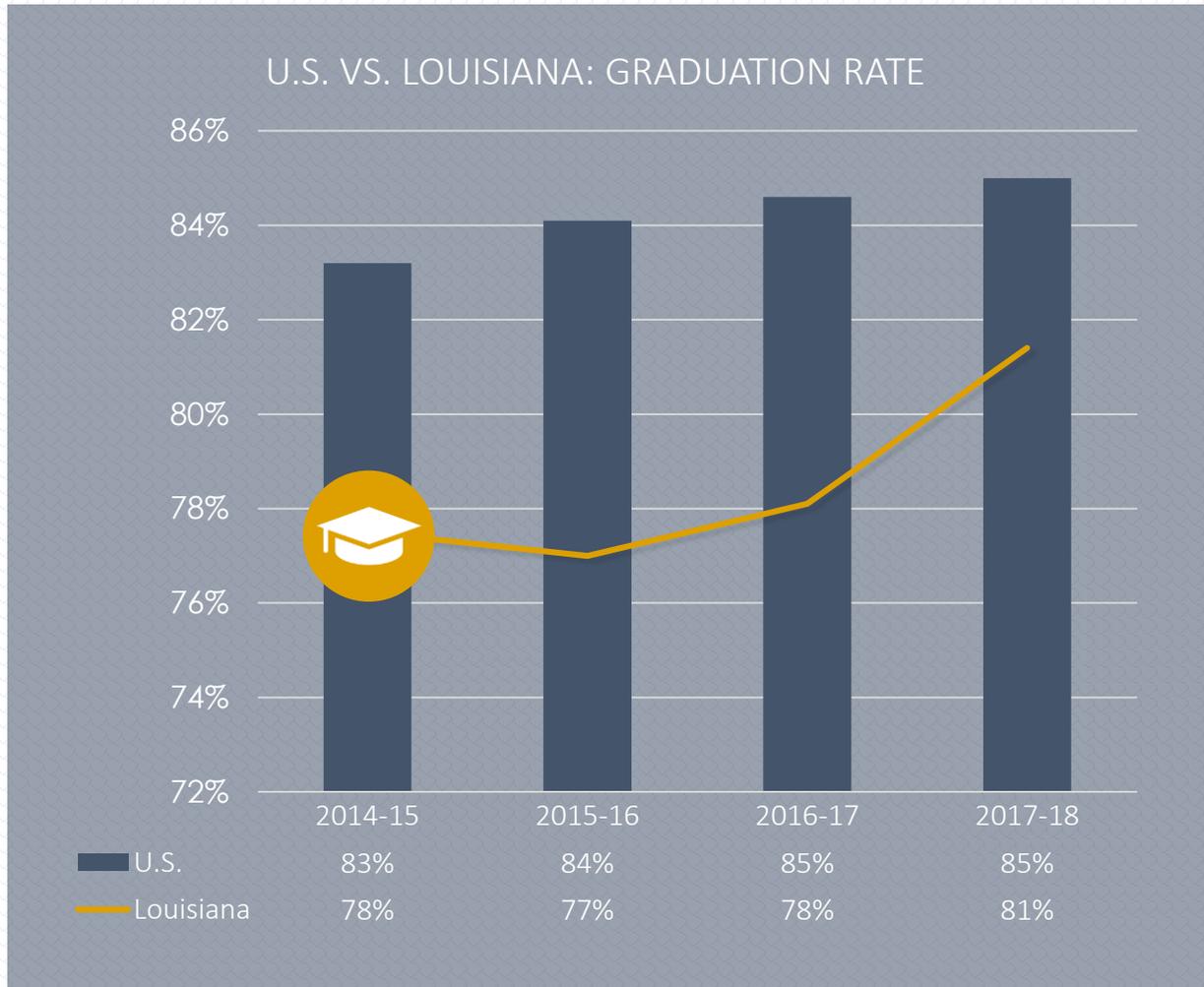
WITH WHAT

MONEY?



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85%

U.S. GRADUATION AVERAGE

81%

LOUISIANA GRADUATION



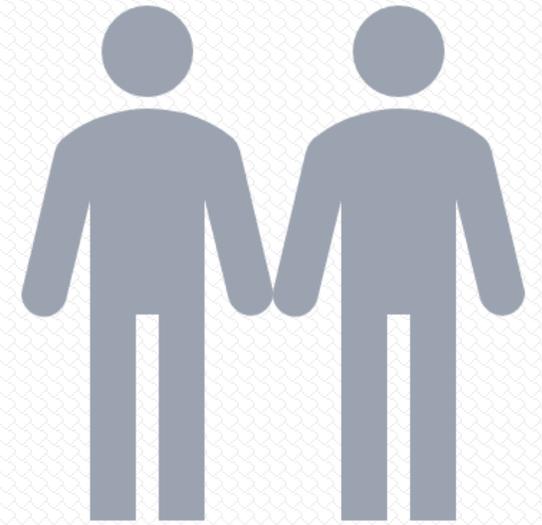
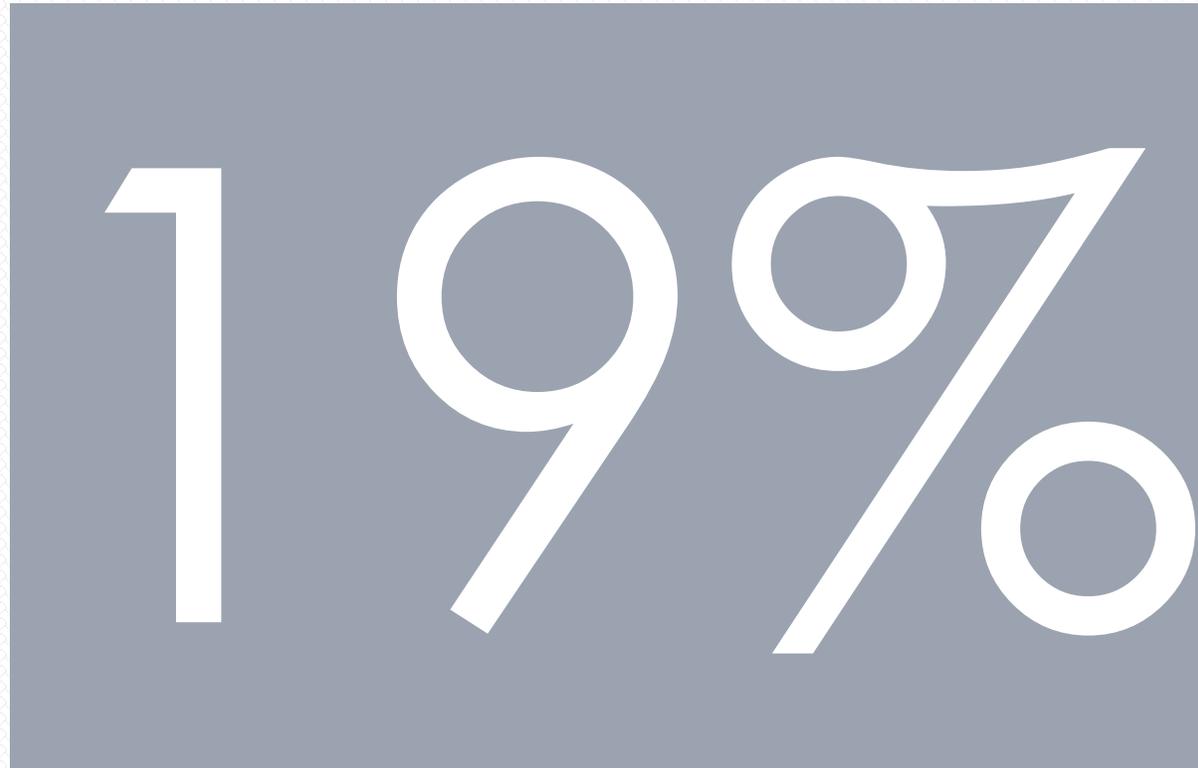
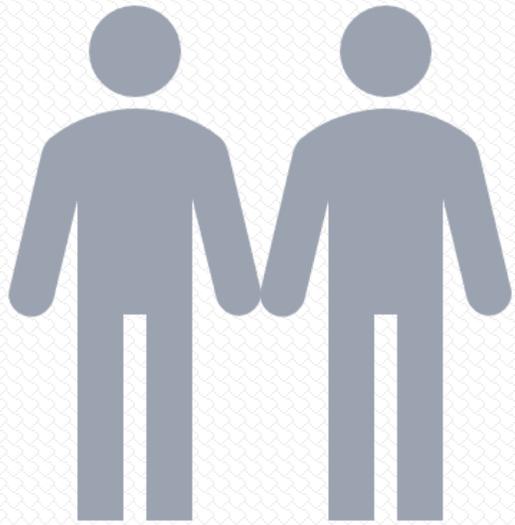
19%

LOUISIANA DROPOUTS



ALIGNING MATH

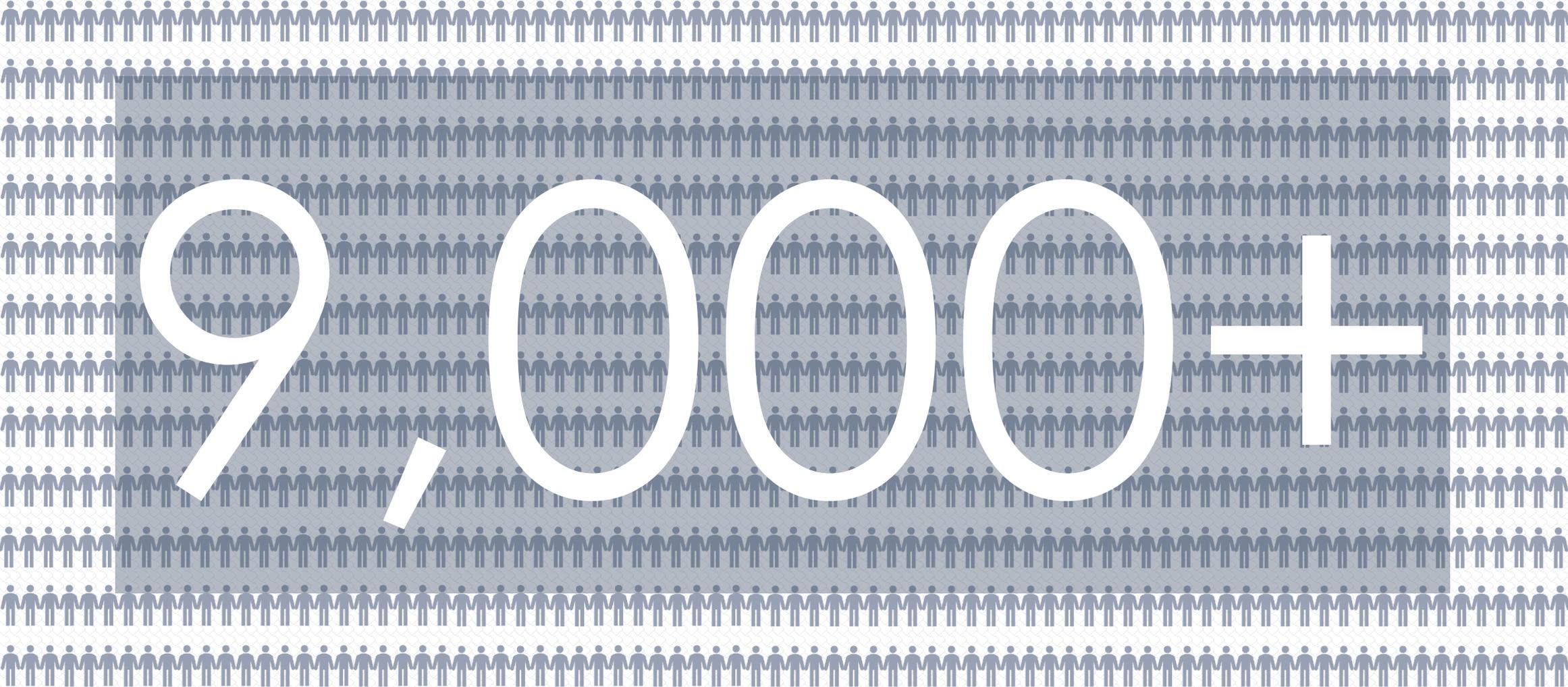
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Louisiana Students that Dropped Out

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9000+

ALIGNING MATH

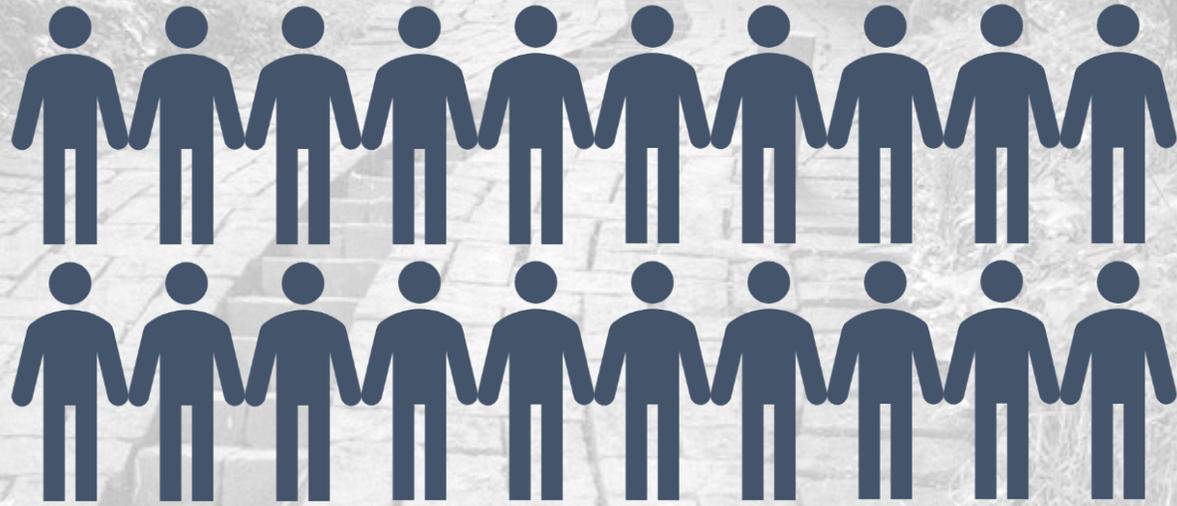
WITH INDUSTRY EXPECTATIONS

High School to College

70%

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Students Entering High School

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Dropped Out High School Graduates

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Workforce



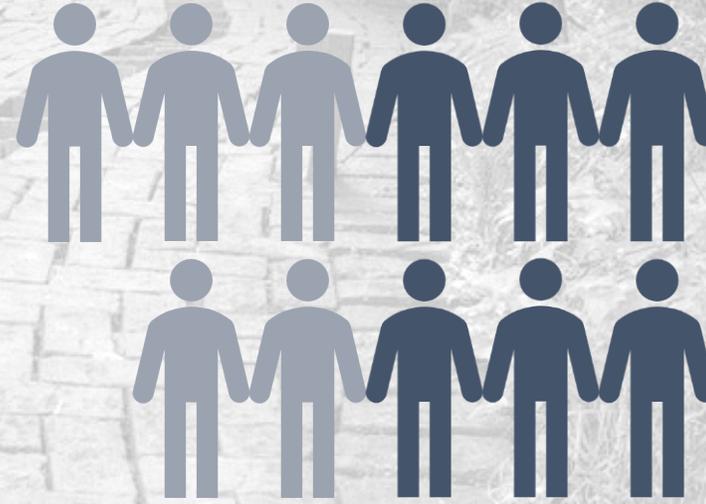
High School to College

ALIGNING MATH

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Workforce



College Graduates

ALIGNING MATH

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Workforce



College

ALIGNING MATH

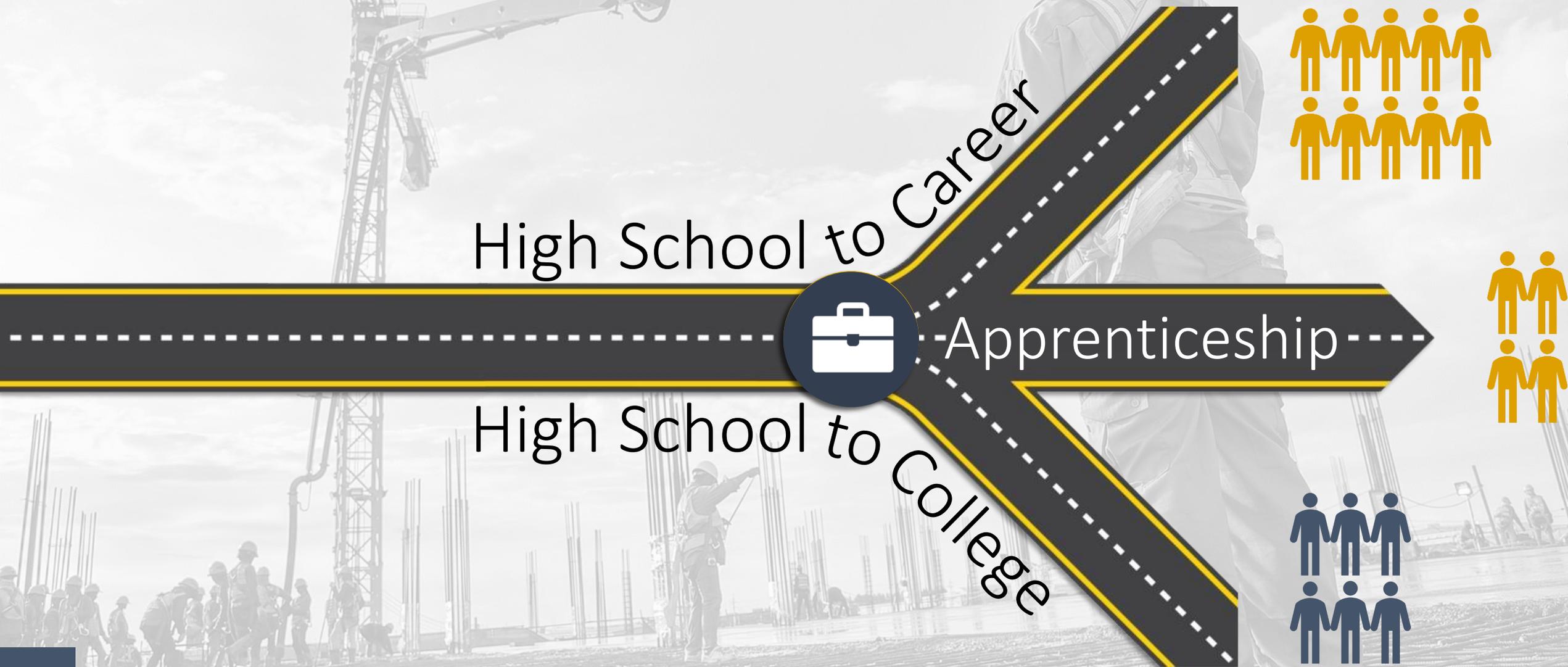
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High School to College



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STORY TIME

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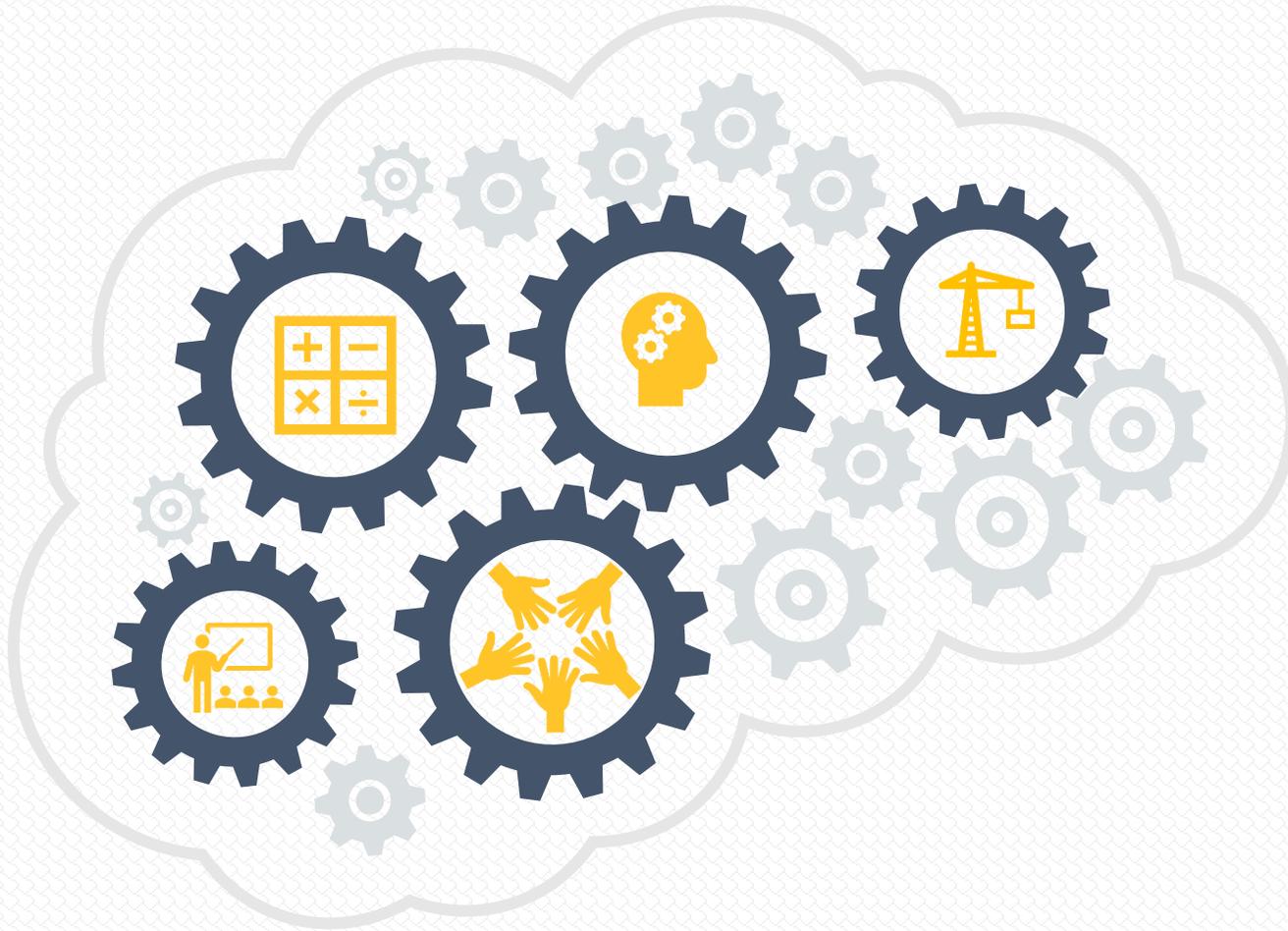


INTEGRATING MATH & CTE

WHAT ARE THE REAL BENEFITS?

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THE REAL BENEFITS



Critical Thinking & Problem Solving

Students learn valuable critical thinking & problem-solving skills that will help in any career.



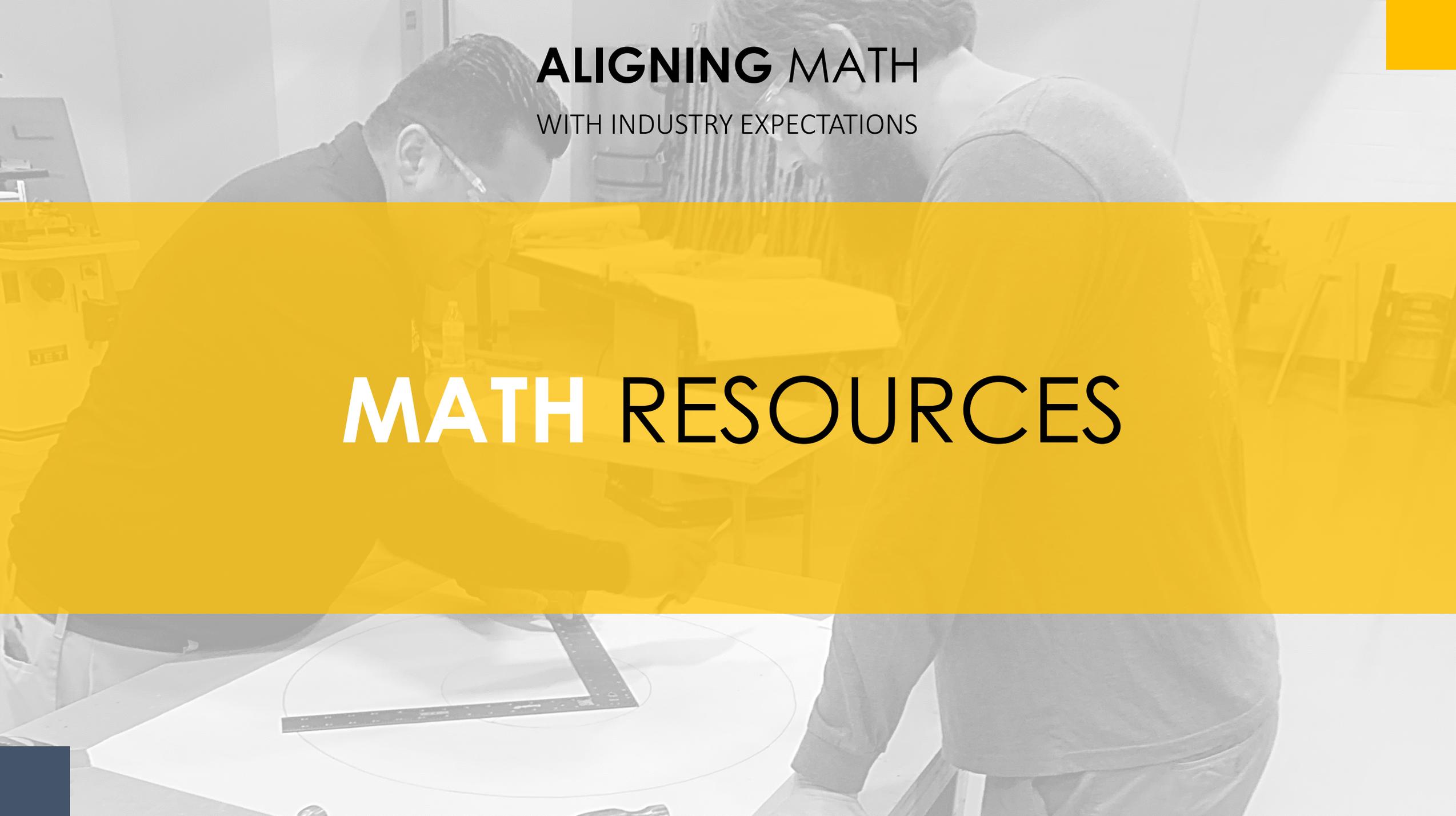
Higher Graduation Rates

Students that succeed in math are more likely to remain in school and achieve higher grades.



Employable Skills

Our students will have a better foundation for entering the workforce, no matter the career pathway.



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MATH RESOURCES

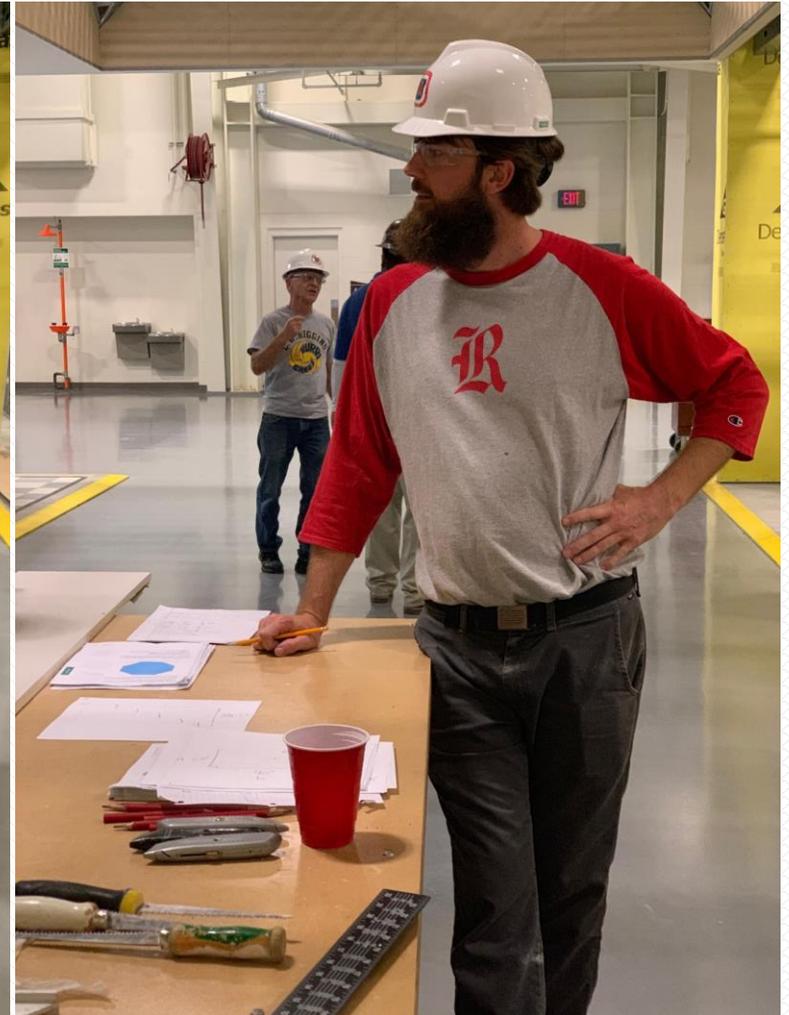
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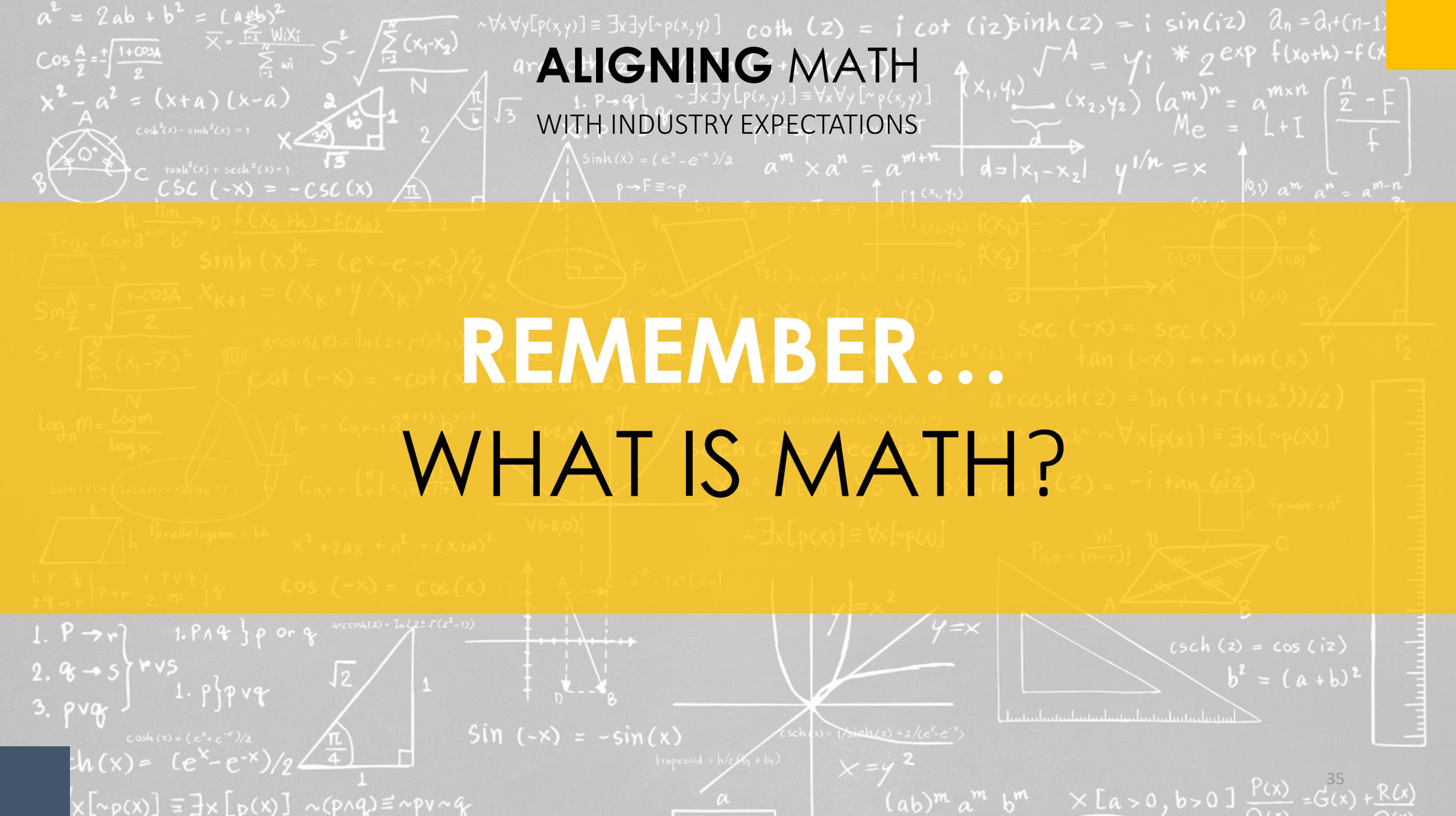
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REMEMBER... WHAT IS MATH?





CARPENTERS
TRAINING FUND OF LA

LELAND HOWARD

leland.howard@jpschools.org

VICTOR CHAVEZ

vchavez@carpenterstfla.org

CHAD WILLIAMS

cwilliams@carpenterstfla.org

2850 Massachusetts Avenue
Metairie, LA 70003
504-305-6525