



Which diplomas matter

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STEM Pledge

- ~~1. STEM isn't about four subjects — Yes, art, ELA, etc are part of STEM~~
- ~~2. Tech has been oversold — a fab lab doesn't make it STEM~~
3. Inclusive STEM is the only STEM that matters

- Established in 2006 – inclusive lottery admission
- 99% graduation rate
- 100% college admittance rate
- 85% of students earn college credit
- Student ACT scores consistently beat Ohio's average (2013: 24.3 vs 21)



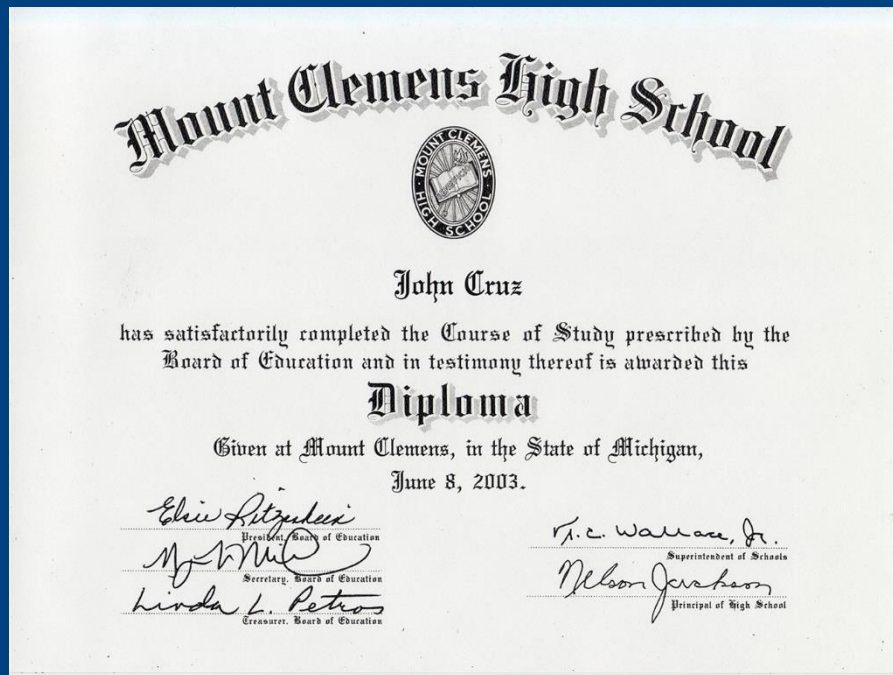
Meet Metro High School

STEM in Action



Meet Metro High School

#1



#2



A wooden desk with a laptop on the left, two white coffee cups at the top, a stack of yellow and blue sticky notes in the center, and two markers on the right. A white mug is in the foreground. A blue banner is overlaid on the image.

What got you here?

Internships

College

~~State graduation exam?~~

ACT[®]

Internship

College
admittance

Community
involvement

Graduation

SAT[®]



State tests are the floor

Opportunities for authentic practice



Learning Centers

Bodies

(includes medicine)

Digital

(includes film production)

Design

(includes engineering)

Growth

(includes agriculture)

Career and Technical Education



Learning Centers

Bodies

(includes medicine)

Digital

(includes film production)

Design

(includes engineering)

Growth

(includes agriculture)

All learning centers include:

- 1) Internships with local business
- 2) As many college credits as possible

FAILURE IS BAD

FAILURE IS ~~BAD~~
PRACTICE

Most schools

Time

Class

Grade

F

D

C

B

A

Most schools vs Metro

Most schools

Time

Class

Grade

F

D

C

B

A

Metro

Time

1st attempt

2nd attempt

3rd attempt

Grade

Work in
progress: 50%

Work in
progress: 70%

A

Plus Advisory



1:1 time between student and Metro faculty

- Ease college transition
- Ensure internship success

WE AREN'T DONE



Metro Institute of Technology model

