

**OWENSBORO**  
PUBLIC SCHOOLS

1871

TRADITION • INNOVATION • EXCELLENCE

## **District Innovation Strategy:**

*Engaging ALL students with innovative teaching and learning*



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## **Kentucky's largest independent district**

Enrollment: 5,338 students P- 12 at 12 school sites

Staff: 984 (431 certified staff)

Annual budget: \$63 million.





# “Split Screen” Innovation Strategy



**Owensboro Innovation Academy**  
New Tech Network  
STEM



**iMiddle (Fall 2019)**  
New Tech Network  
Global Citizenship

**21st Century High School Model**  
Early College Academy @ OHS  
Bluegrass Global Scholars  
Program @ OHS

**Innovation Around The  
Instructional Core**  
Early Childhood, iGrants, The Arts





## Early Learning Academy @ Estes Elementary School

Ontario Early Kindergarten Model

Ages 4-5 rather than ages 3-4 (blend Pre-K and K)

Estes- 99 percent free and reduced lunch, nearly 100 percent not kindergarten ready

ELA students three times more likely to be K-ready and read on grade level by 3rd grade





# Visual & Performing Arts

*Every art for every kid in every school*

**National Study of Education in the Visual and Performing Arts** found significant effects on the achievements and values of young adults by taking a concentrated curricular pathway in the arts, especially for low socioeconomic students

**Kennedy Center, National School Boards Association** recognition top arts districts in the nation in 2016







# 21st Century High School

Lower School- foundational core  
Upper School- personalized

- Expectation that “14 is the new 12” for ALL students
- Visual & Performing Arts program to engage students
- Civic & community engagement as well as entrepreneurship
- Career and tech programs to engage- work-based learning focused, not career ready focus
- Early college- no cost associate degree







OWENSBORO  
Innovation Academy

*A New Tech Network School*



New Tech Network



# Why New Tech?



## OUTCOMES THAT MATTER

Student outcomes that clearly define success

## CULTURE THAT EMPOWERS

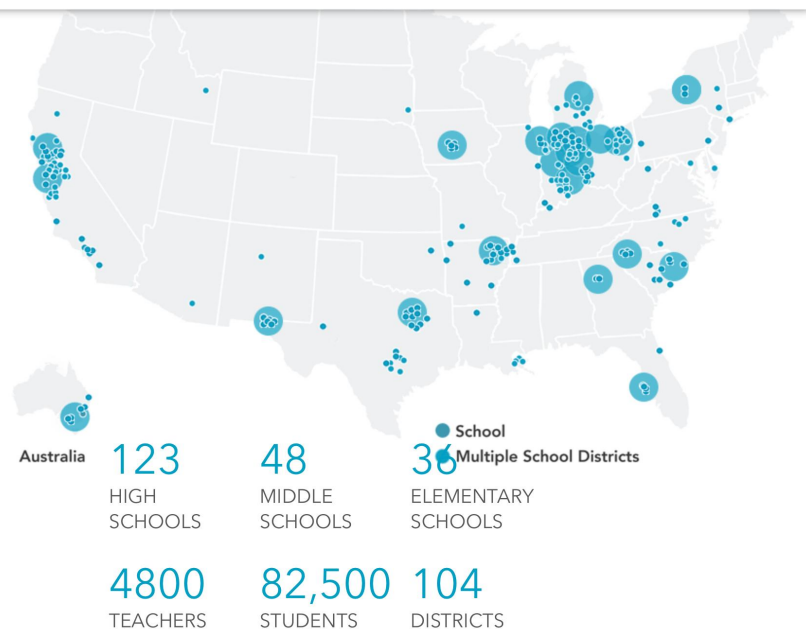
School-wide culture of empowerment for students and adults

## TEACHING THAT ENGAGES

A meaningful, problem-solving approach to instruction

## TECHNOLOGY THAT ENABLES

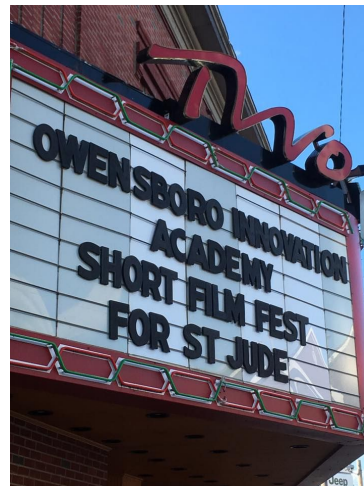
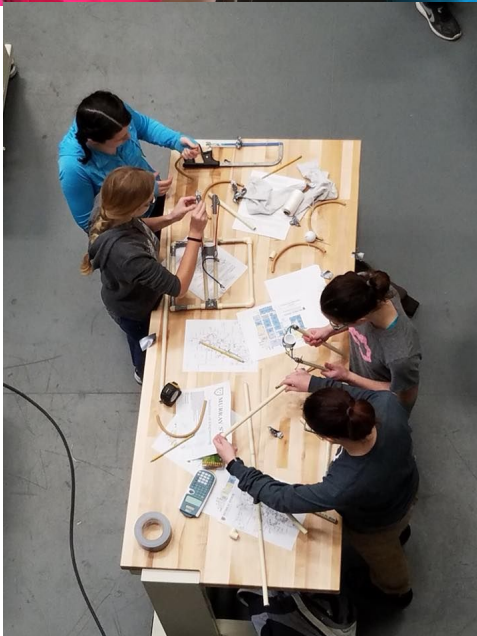
Use of technology tools for easy access to resources and information



New Tech Network



# Project Based Learning STEM Programs Community Partnerships



## ACT RESULTS 2017-18

	English	Math	Reading	Science	Composite
<b>OIA</b>	18.7	18.8	20.8	19.8	19.7
<b>OPS</b>	18.2	18.1	19.4	18.6	18.7
<b>DCPS</b>	19.2	18.8	20.1	19.5	19.5
<b>STATE</b>	18.8	18.8	19.8	19.2	19.3

## End of Course Exams 2016-2017

PERFORMANCE LEVEL	ENGLISH 10		BIOLOGY		ALGEBRA II	
	OIA	STATE	OIA	STATE	OIA	STATE
Novice	19%	33.3%	4%	22.1%	9%	26.0
Apprentice	12%	10.8%	58%	36.7%	48%	35.9
Proficient	54%	41.2%	23%	32.8%	43%	26.3
Distinguished	15%	14.6%	15%	8.5%	0%	11.8

## STATE ACCOUNTABILITY AREAS 2017-18

PERFORMANCE LEVEL	Reading		Math		Science		On-Demand Writing	
	OIA	STATE	OIA	STATE	OIA	STATE	OIA	STATE
Novice	16.3	28.1	20.9	28.5	9.3	26.1	4.7	16.4
Apprentice	27.9	26.5	39.5	33.9	62.8	44.3	28.0	31.8
Prof./ Dist.	55.8	45.6	39.6	37.6	27.9	29.6	67.4	51.9



## How do OIA students feel?

96% of students feel connected to the school

92% of students feel they have positive peer relationships



# Middle School Implementation



New Tech Network

- iMiddle- Fall 2019, grades 6-7;  
Fall 2020, grades 6-8
- South Campus
- 100 students per grade level
- Project-Based Learning
- Theme: global citizenship,  
public engagement and  
leadership
- Partner: Wendell Ford  
Government Education Center



# Future DOI Programs



## **Teacher Career Ladder-**

Singapore based model to attract, retain and recruit talented teachers

## **21st Century High School- IGSE**

core for lower school, transition ready designations using the arts, civic engagement, work based learning

## **School Designation-**

Innovation Schools as a way to allow DOI districts to provide choice and innovation options using same framework as charter schools





# Questions??????



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**Nicholas Brake, Ph.D.**  
Superintendent

**Matthew Constant, Ed.D.**  
Chief Academic Officer

**Beth Benjamin**  
OIA Director



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