

A student in a white shirt is working on a project at a table in a classroom. The background shows other students and a teacher. A blue geometric overlay is on the left side of the image.

# EDUCATION FOR EVERY DIMENSION OF LIFE

Re-engineering high school education to expand economic opportunity for all students.



**3DE**<sup>™</sup>  
BY JUNIOR ACHIEVEMENT

Education is in the face of  
**unprecedented** challenges.

*September 2020 (EdSurge)*

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An **unprecedented** time in education  
demands **unprecedented** change.

*November 2020 (Brookings)*

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**Unprecedented** times provide  
**unprecedented** opportunity.

*June 2021 (PACE)*

“Schools are **complex systems**,  
and **many stakeholders** in school systems –  
teachers, students, parents, administrators, and policy makers –  
are often quite **committed to various aspects of the status quo.**”

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*Failure to Disrupt, Justin Reich (MIT)*

**It always seems  
impossible until it's done.**

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**Nelson Mandela**

**THINK.** *differently.*



*According to rising 9<sup>th</sup> graders:*

**45%**

say that what they learn in school applies to experiences in their own lives.

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**46%**

feel that the things they learn in school apply to the real-world.

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**54%**

believe that school is preparing them for life outside the classroom.

**Less than  
4 out of 10  
students are  
engaged in  
high school.**

*(Gallup)*

# 75%

**of careers are shifting towards an increased emphasis on higher social, emotional, and cognitive competencies.**

*(McKinsey Global Institute, Future of Work)*

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**Critical & Analytical Thinking**

**Engaging Communication**

**Self-Direction**

**Creativity & Innovation**

**Cultural Agility**

**Effective Collaboration**

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**90%**

**of U.S. students attend a  
traditional comprehensive  
public high school.**

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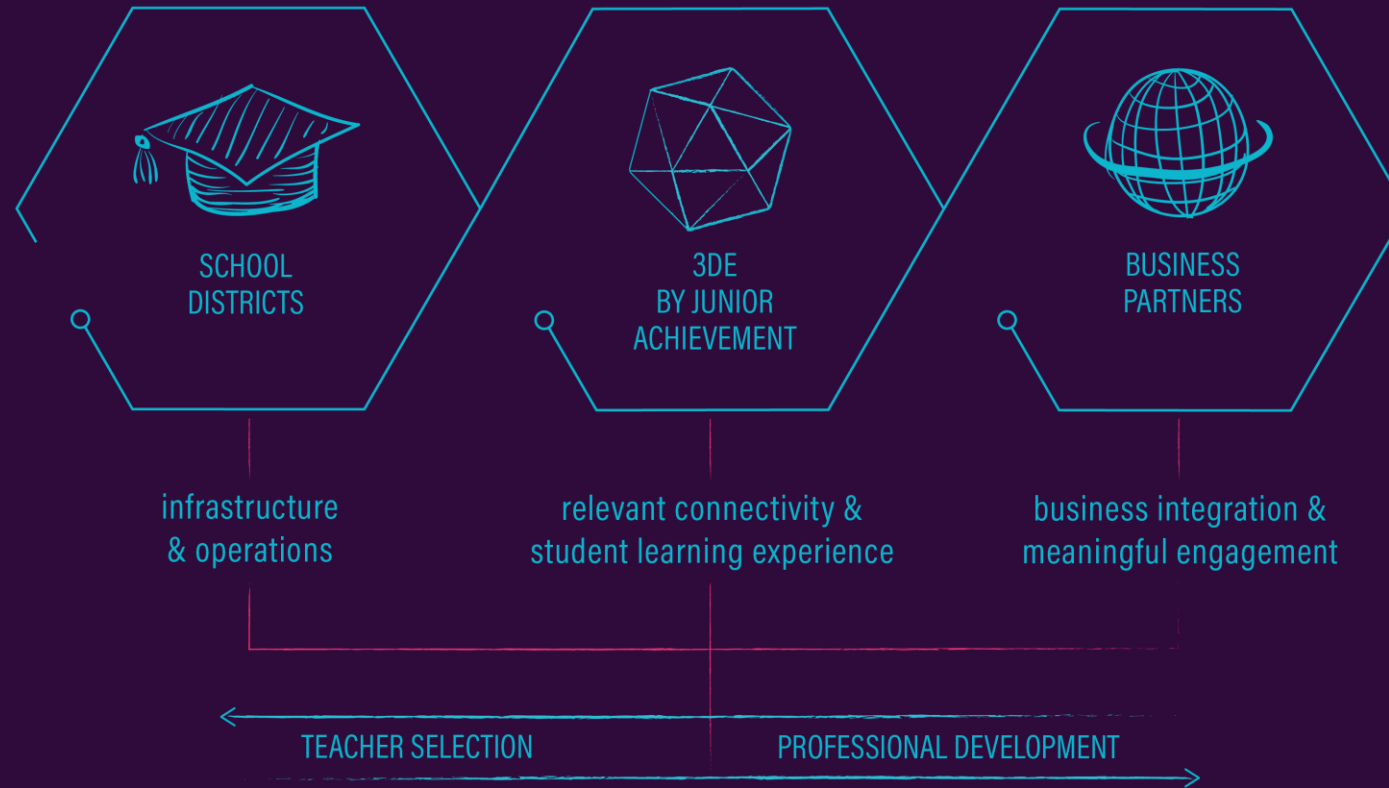
**We believe education can be a catalyst to expand opportunity, but for far too many students this is not the reality.**

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**This complexity of challenges requires a **scalable comprehensive solution** to move the needle on systemic change.**



# Innovative Strategic Partnership to Support Change in Complex Environments







# Reengineering Current Norms in Education

## STANDARDS-BASED LINEAR LEARNING



## SILOED CONTENT AREAS WITHOUT APPLICATION

 MATH	 ENGLISH	 SCIENCE	 HISTORY
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## NARROW MEASURES OF STUDENT SUCCESS

<input checked="" type="checkbox"/>	<b>A</b>
<input type="checkbox"/>	<b>B</b>
<input type="checkbox"/>	<b>C</b>
<input type="checkbox"/>	<b>D</b>
<input type="checkbox"/>	<b>F</b>

# The 3DE Response

Rigor Meets Relevance

Dynamic Learning

Interdisciplinary Application



Real-World Integration

Team-Based Approaches

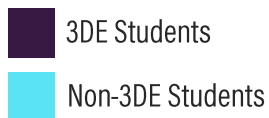
Higher-Order Thinking

A person is seen from the side, working on a laptop. In the foreground, three 3D printed white wind turbine models are arranged on a desk. The background is blurred, showing what appears to be a workshop or office environment. The overall lighting is a mix of warm and cool tones, with a blue tint on the right side.

**3DE BREAKS THROUGH BARRIERS  
TO REDESIGN EDUCATION FROM  
THE INSIDE OUT**

# 3DE Consistently Outperforms Across Key Impact Metrics

3DE is positioning students for economic opportunity and choice-filled lives, by ensuring students are graduating with the skills, mindsets, and behaviors to be competitive in a rapidly changing economy. This starts with fostering student engagement in learning, accelerating academic comprehension and achievement, and ultimately building mastery in transferable skills and competencies.

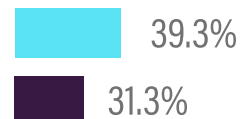


## -22.8%

Fewer Cases of Chronic

### ABSENTEEISM

Measured by students with 10%+ absences during year, as compared to non-3DE cohorts.



## +69.3%

More Students Demonstrating

### MATH PROFICIENCY

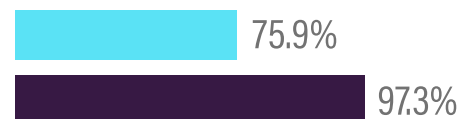
Based on State Standardized Assessments for Algebra I & Geometry and averaged across schools.

## +33.6%

Higher 4-Year Cohort

### GRADUATION RATES

Compared to 2018 Rates for Title I Schools In 3DE portfolio as rates prior to 3DE start.



## +67.6%

More Students Demonstrating

### READING PROFICIENCY

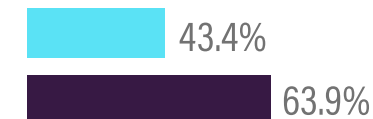
Based on State Standardized Assessments for 9<sup>th</sup> -11<sup>th</sup> Grade English/ELA and averaged across schools.

## +56.4%

Higher Rates of Immediate

### COLLEGE ENROLLMENT

Compared to Class of 2018 Rates for Title I Schools In 3DE portfolio as comparative points.



## 100%

Students Developing Skills towards

### COMPETENCY MASTERY

Based on 3DE's Competency Rubric for 9<sup>th</sup>-12<sup>th</sup> grade progression.



# 2022-2023 National Snapshot



**42**  
SCHOOLS

**24**  
DISTRICTS

**10**  
STATES



**635**  
INTERDISCIPLINARY  
TEACHERS

**175**  
CASE  
PARTNERS

**2500+**  
INDUSTRY  
COACHES/ADVISORS



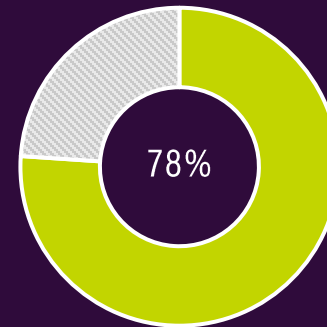
**13,200**  
Students

## 3DE SCHOOL LOCATIONS

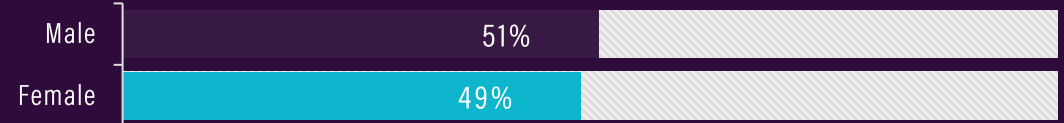
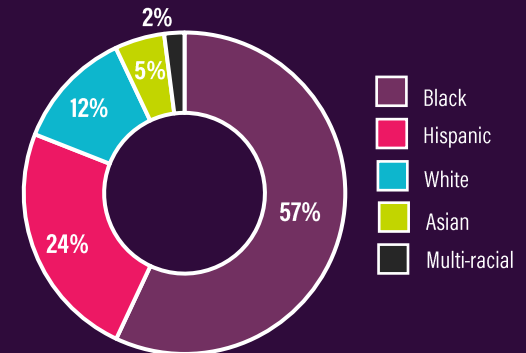


## STUDENT DEMOGRAPHICS

FREE/REDUCED LUNCH



RACE / ETHNICITY





THE FUTURE

# BUILT FOR SCALE

With the goal to provide an accessible and effective education opportunity for all students, 3DE is intentionally structured for scalability to reach 1/3 of comprehensive metro high schools in the country, as an inflection point for broader systemic change.

1

**PHASE I: BUILD & TEST**

TIMING: 2015-2019  
 IMPACT: 6 Schools in Metro Atlanta  
 FOCUS: Design, Develop & Implement Model  
 \$ NEEDS: Seed Funding  
 \$4.9M Development  
 \$250K-\$350K/Site  
 \$9.2M Total

2

**PHASE II: EXPANDED PILOT**

TIMING: 2019-2024  
 IMPACT: 55 Schools in 7 States  
 FOCUS: Package Scalable Box, Teacher Development & Certification  
 \$ NEEDS: Venture Funding  
 \$250K-\$350K/Site  
 \$55M/Total

3

**PHASE III: VALIDATE & SCALE**

TIMING: 2025-2030  
 IMPACT: 350 Schools across U.S.  
 FOCUS: Implement a Build, Operate, Transfer Model  
 \$ NEEDS: Sustainable Funding  
 \$150K-\$175K/Site

4

**PHASE IV: SCALE & SUSTAIN**

2,500  
 3DE SCHOOLS