

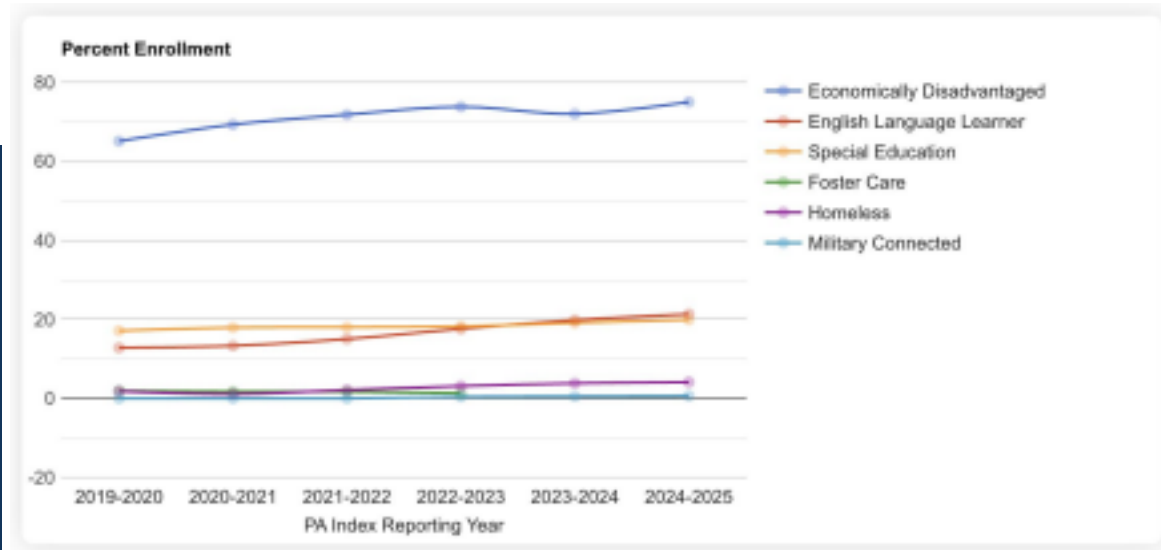
# Student demographics we serve



## Student Diversity

\*District & Alternative Schools only

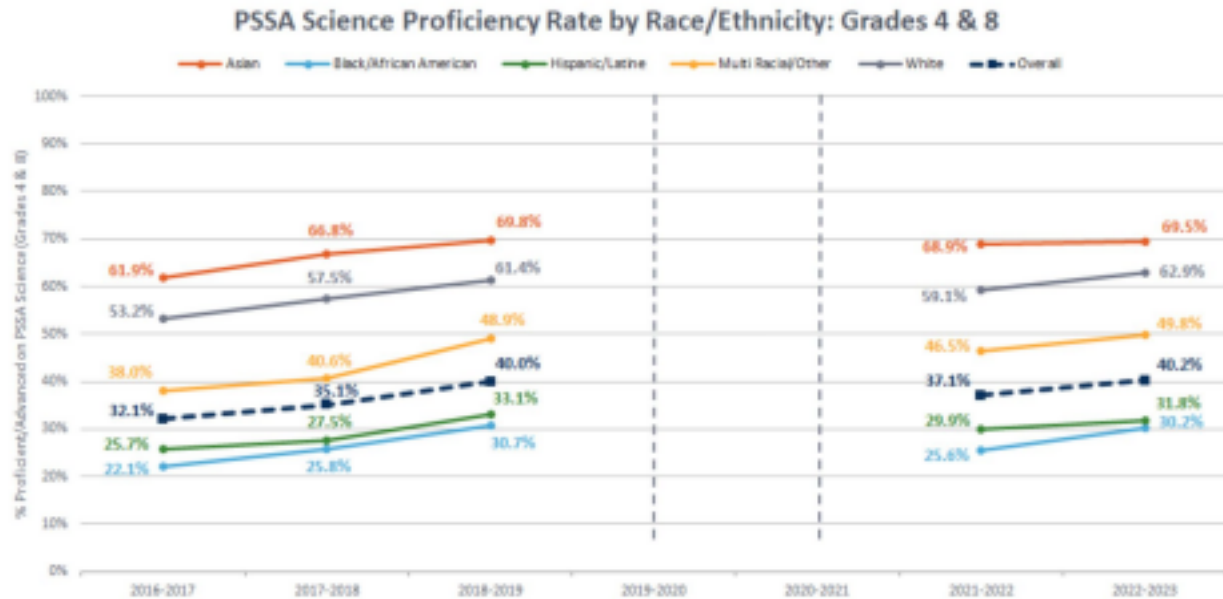
- 49% Black/ African-American
- 25% Hispanic/ Latino
- 14% White
- 8% Asian
- 5% Multiracial/ Other
- 21% Students with IEP
- 21% English Learners (EL)



IEP:

# **The Philadelphia Science Literacy**

# Crisis



**The “Community  
Science Teaching Club”  
began 5 years ago with  
a single SKMC student,  
Dr. Zach Davis ‘25 ,  
teaching to a  
classroom in North**



# Philadelphia

Hartnaft School Franklin S.

Edmonds School Vare

Washington Elementary T.M

Pierce School

Edwin Forrest School

2 EDEY

Started from 1

classroom in 1 school

Andrew J. Morrison School

James G. Blaine School John F.

2 EDEY 7 classrooms

2 EDEY

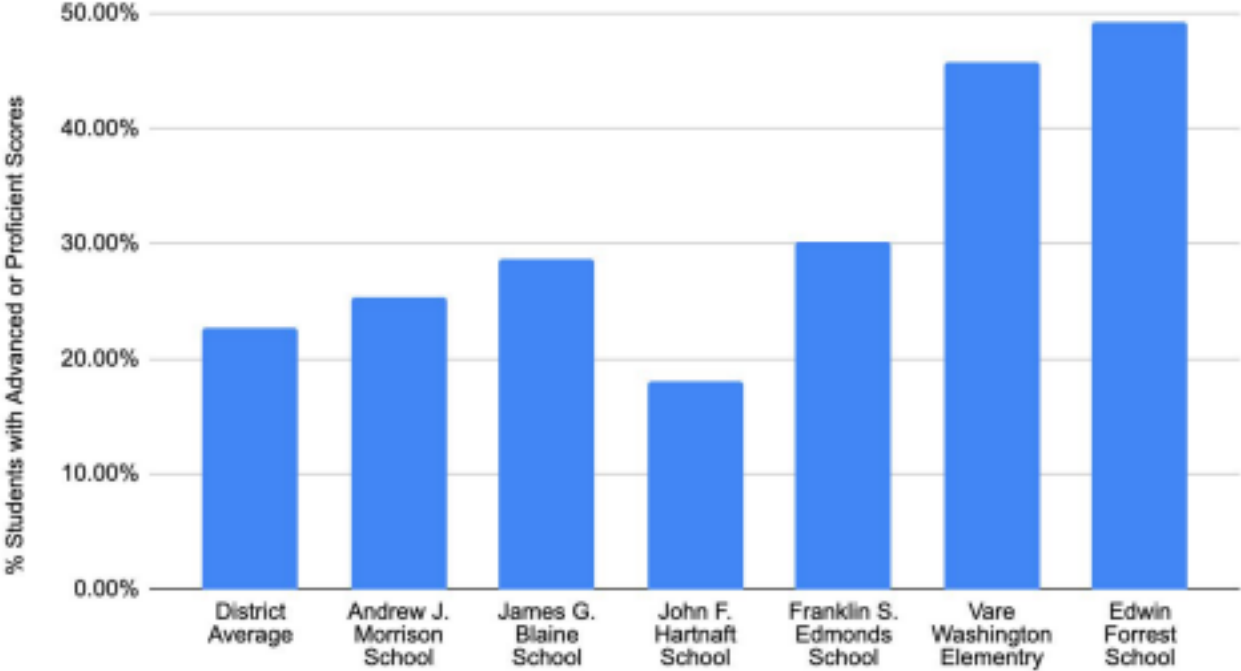
7 classrooms

9 classrooms

2 EDEY

Communiti  
es we serve

# PSSA - Science (2023-2024)



More on the PSSA?

PA Science proficiency 2023-2024 =

60%

PHILASD

## Percentage of Students by Proficiency Level (PSSA)

2023-2024, Selected Schools, Science Tests.

School Name	# of Students Tested,	% Proficient/Advanced Science (2023-2024)	% Advanced, Science (2023-2024)	% Proficient, Science (2023-2024)	% Basic, Science (2023-2024)	% Below Science
<b>Totals</b>	<b>521</b>	<b>35.1%</b>	<b>5.6%</b>	<b>29.6%</b>	<b>28.0%</b>	
Blaine, James G. School	77	28.6%	2.6%	26.0%	31.2%	
Edmonds, Franklin S. School	83	30.1%	3.6%	26.5%	27.7%	
Forrest, Edwin School	120	49.2%	5.0%	44.2%	31.7%	
Hartranft, John F. School	50	18.0%	2.0%	16.0%	32.0%	
Morrison, Andrew J. School	95	25.3%	2.1%	23.2%	18.9%	
Vare-Washington Elementary	96	45.8%	15.6%	30.2%	28.1%	

PHILASD

# 2025-2026 Academic Year

**23**

**Classrooms**

**8**

**EDEY Programs**

(extended day, extended year)

**Over**

**550**

**1st-7th grade students served this year**

**130**

**SKMC M1 Volunteer Teachers**

**45%**

**of the SKMC Class of**

**2029 is Teaching**

**255**

**lessons taught in the**

**2025-2026 academic year to  
date**

**Every lesson  
begins with  
student  
curiosity...**

am I healthy.

how do you make  
rock

water

Liam Barnes  
how does  
dragons breathe  
fire

why is there so  
many galaxies

Patyn O'Neil

Liam Barnes  
how does dreams  
work

if you get  
stobbed in the  
heart how can  
you live

What happens  
when you are  
poor and nobody  
helps you?

TSaijan Pachera

Trusting Tyre

How did The first  
Doctor get trusted?



how do you  
get in your  
mom's body?

why do you  
want to be a  
doctor?  
probably

How is electricity  
made?  
Nash

How do you  
get your  
vision?  
The Sun and  
water

Why don't I  
know an air  
my are I am in  
the floor all  
the time?

Do you  
have to  
know alot  
of science?

is it fun in  
medical  
school?

What happens  
when you are  
hurt and need  
help?

how do you  
get in your  
mom's body?

Does thunder  
come out  
just like  
rain and  
snow?

What are the  
edges of  
the earth?  
Both are bad for  
the world in some ways  
but it's a bad way  
to see the world in  
reality

Why is all our  
skin different  
colors?  
Jayce

My mom told me  
I was a very brave  
I was for my team

What are  
our teeth  
made of?

How do  
people  
breathe  
and out?

What do  
you do  
when  
you're  
sick?

How are doctors  
are smart are  
you teachers

What do  
you do as  
doctors?

How do you  
use colors?

How do you  
know the  
difference  
between  
the colors?

What is science?

Treatise  
how was only  
black made  
black by his big  
word?

How does people  
NOT have  
dreams?

How do doctors  
use their  
brains?

How do doctors  
work?

How do  
doctors  
work?

How do you  
know the  
difference  
between  
the colors?

How do you  
know the  
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the colors?

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How do  
doctors  
work?

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# SCIENCE

Kent  
does doctors  
do sign  
before  
they turn  
in their  
doctor's

How do  
doctors  
work?

How do  
doctors  
work?

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# Example Lessons:

**Where did humans  
come from?**

"How was the first person  
born?"



Doctors are detectives!

- When you feel sick, it's a mystery!



**PSSA**

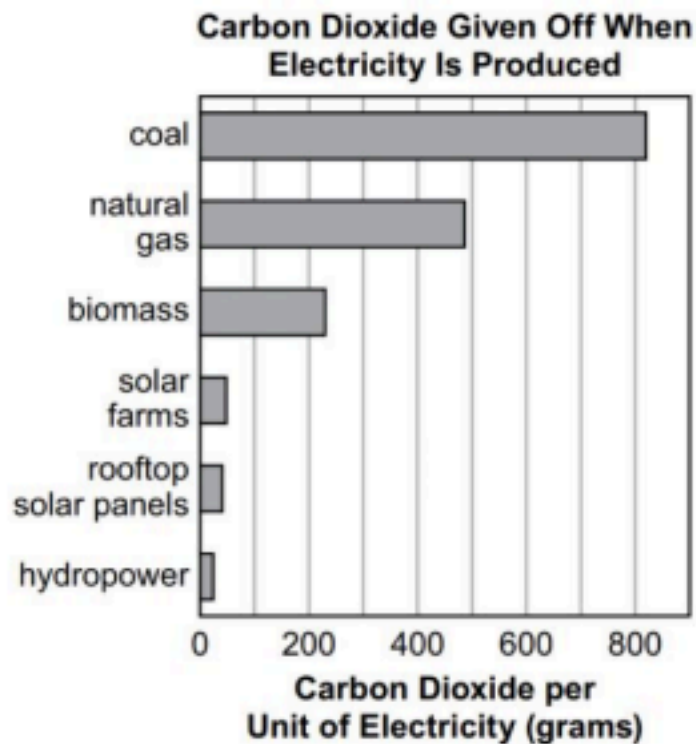
**(Pennsylvania System of School  
Assessment) Standardized Testing Prep**

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***Scientists are  
like detectives!***



***We need to look for clues  
everywhere to discover new  
things and solve problems!***



*The graph shows the amount of carbon dioxide given off into the air while electricity is being produced. How could the amount of carbon dioxide released into the air be reduced?*

- A. by increasing the amount of electricity produced by burning coal*
- B. by decreasing the amount of electricity produced by hydropower*
- C. by producing more electricity from biomass than from solar farms*
- D. by producing more electricity from rooftop*

# Inaugural Future Doctors Discover Day at SKMC

Inaugural Future Doctors Discover Day

Inaugural Future Doctors Discover Day

Inaugural Future Doctors Discover Day

Inaugural Future Doctors Discover Day

What do the  
students  
think **|** about  
it all?



What about  
the school  
teachers?  
**Where do**



# we go from here?

- Serve more students by teaching in more schools
- Expand to nearby medical schools

# Challenge:

More ubers needed to bring  
M1s into the schools

**Thank  
You!**



