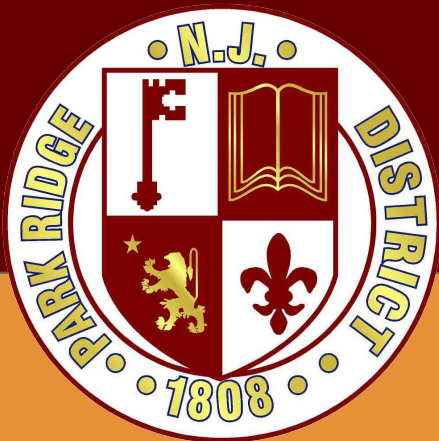


# New Jersey State Assessment Results

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Start Strong 2022 Administration

Presented January 23, 2023



Park Ridge School District  
Park Ridge, NJ

# What was Start Strong?

- Designed as tool measuring prior year's learning
- Originally designed to be a one-time test, while repeated, it is not expected to be a new annual test
- We only have two years of data, so comparison is just for discussion - we do not have enough data to do a full trend analysis
- No NJ State or county/group scores available
- Based on New Jersey Student Learning Standards
- Questions were on \*previous year's learning standards\*
- A 6th grade student (MAT06) took a test on Grade 5 math standards
- \*The Science test was a bit more generalized - covered material from multiple years

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# Who Took Start Strong?

## ELA

All students  
grades 4-10.

## Math

All students grades 4-8.  
Plus: Algebra I,  
Geometry, and Algebra II

## Science

All students grades  
6, 9, and 12.

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# Park Ridge District Testing Rates

ELA04	98.98%	MAT04	100%	SCI06	100%
ELA05	100%	MAT05	100%	SCI09	100%
ELA06	100%	MAT06	100%	SCI12	100%
ELA07	98.67%	MAT07	98.68%		
ELA08	100%	MAT08	100%		
ELA09	100%	ALG01	100%		
ELA10	100%	ALG02	100%		
		GEO	100%		

# Student Levels (Test Results)

**1**

**Strong Support  
Needed**

Roughly equivalent  
to a level one or two  
on NJSLA

**2**

**Some Support  
Needed**

Roughly equivalent  
to a level three on  
NJSLA

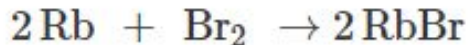
**3**

**Less Support  
Needed**

Roughly equivalent  
to a level four or  
five on NJSLA

# Grade 12 Science Example Question (About 64% got this one incorrect)

Rubidium and bromine, elements located on opposite sides of the periodic table, readily form a product when combined, as shown in the equation.



Atomic properties of an element can be related to the position of the element on the periodic table as shown in Figure 1.

Question:

Describe the bonding between the elements.

Complete the sentence by choosing the correct answer from the drop-down menu.

Based on the positions of both rubidium and bromine on the periodic table, a student could claim the bond that would form between these elements would be a(n)

Figure 1. Periodic Table of the Elements

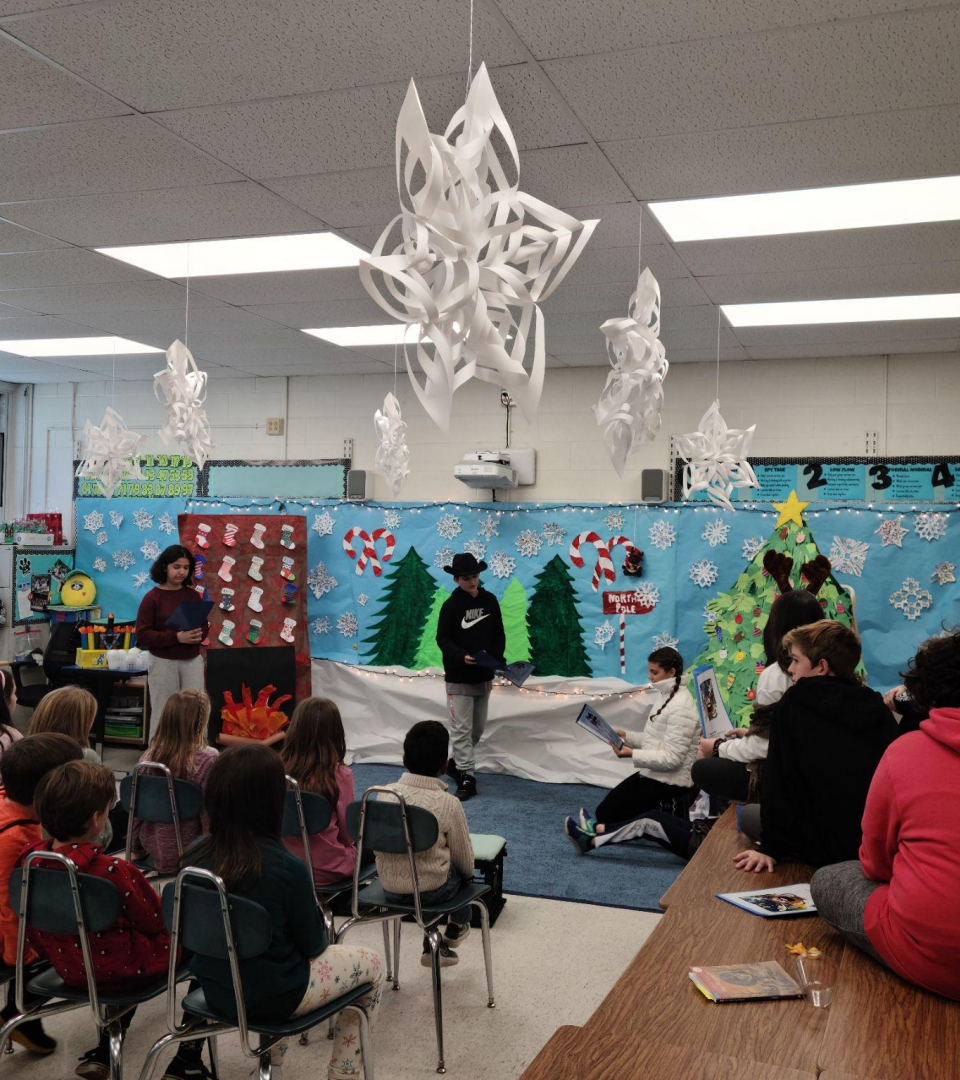
The periodic table shows elements color-coded by type: Metals are pink, Metalloids are yellow, and Nonmetals are blue. The table includes element symbols, atomic numbers, and names. A red arrow points to Rubidium (Rb) in Group 1, Period 5. Another red arrow points to Bromine (Br) in Group 17, Period 4.

Period number	1	2	Group number										13	14	15	16	17	18	
1	H	He																	
2	Li	Be											B	C	N	O	F	Ne	
3	Na	Mg	3	4	5	6	7	8	9	10	11	12	Al	Si	P	S	Cl	Ar	
4	K	Ca	Sc	Ti	V	Cr	Mn	Fe	Co	Ni	Cu	Zn	Ga	Ge	As	Se	Br	Kr	
5	Rb	Sr	Y	Zr	Nb	Mo	Tc	Ru	Rh	Pd	Ag	Cd	In	Sn	Sb	Te	I	Xe	
6	Cs	Ba	La		Hf	Ta	W	Re	Os	Ir	Pt	Au	Hg	Tl	Pb	Bi	Po	At	Rn
7	Fr	Ra	Ac		Rf	Db	Sg	Bh	Hs	Mt	Ds	Rg	Cn	Nh	Fl	Mc	Lv	Ts	Og

Legend:   
Metal (Pink)   
Metalloid (Yellow)   
Nonmetal (Blue)

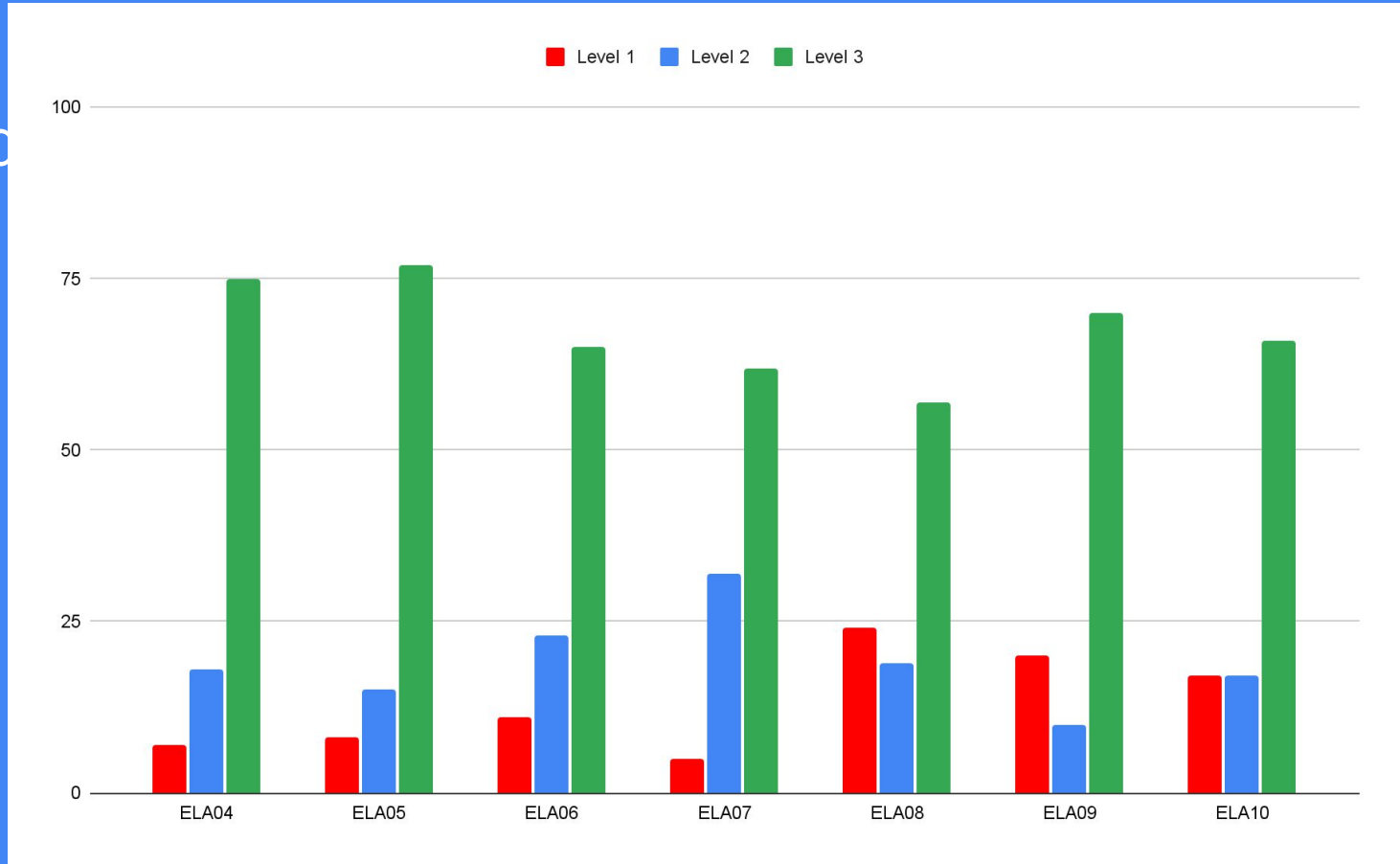
Figure 1. Periodic Table of the Elements

- A) Covalent
- ☒ B) Hydrogen
- ☒ C) Ionic
- D) Metallic



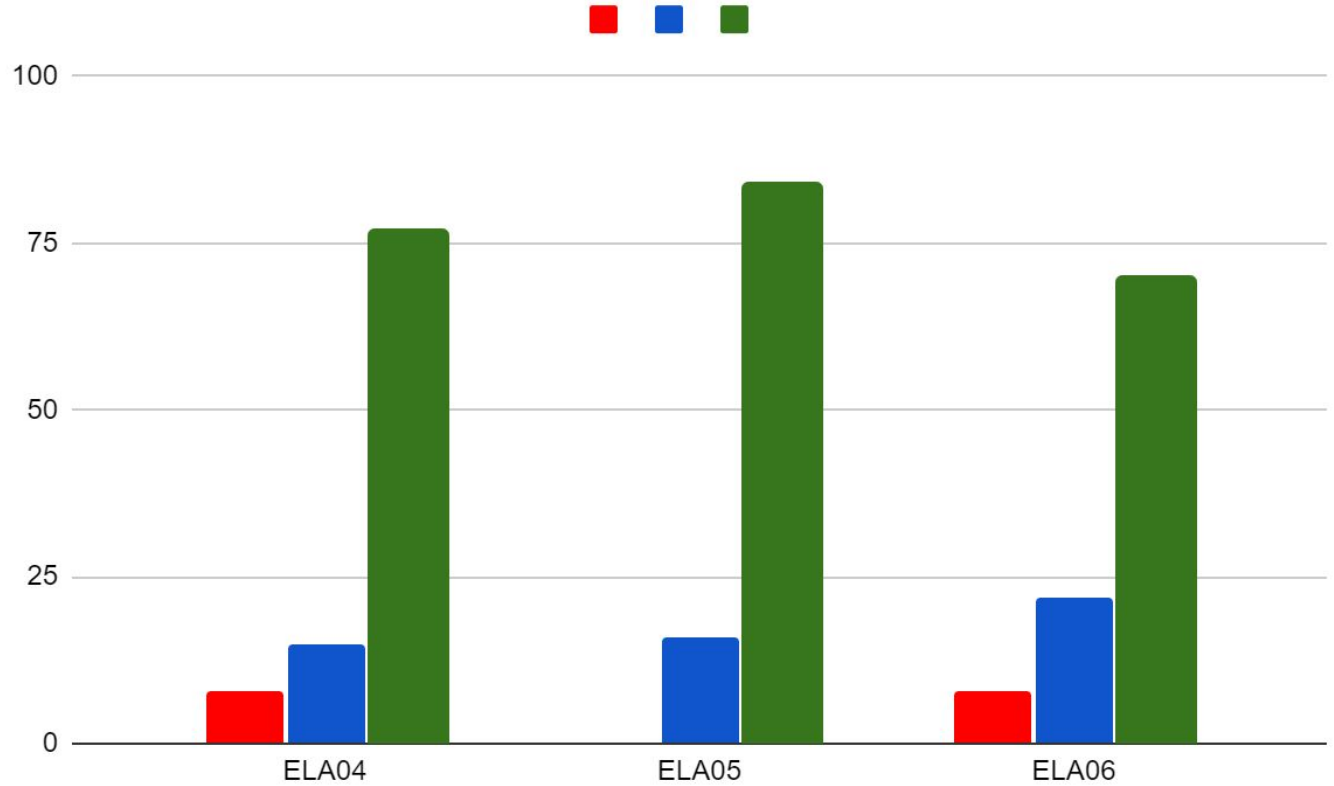
# Start Strong ELA Scores

# District and PRHS Overview – ELA

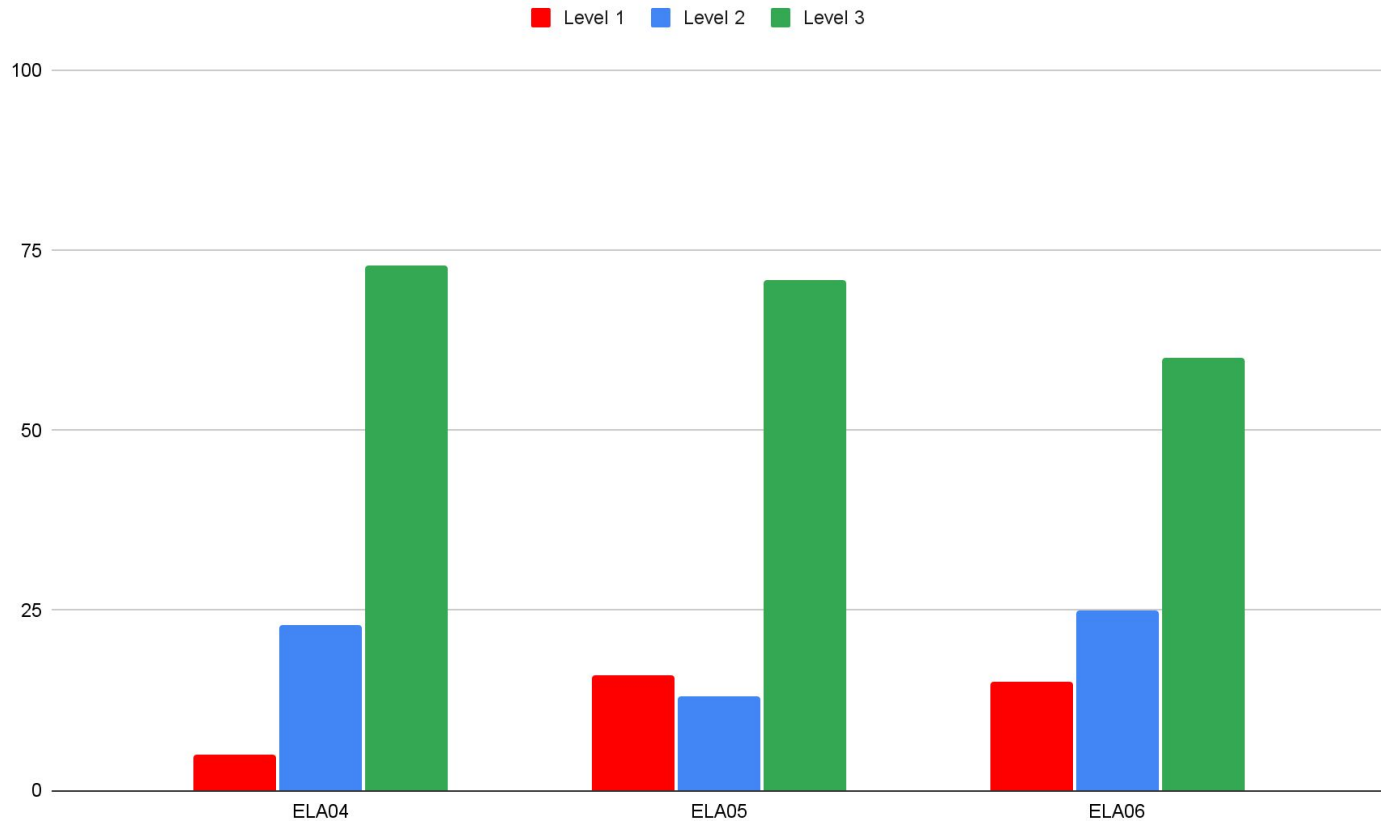




# East Brook ELA

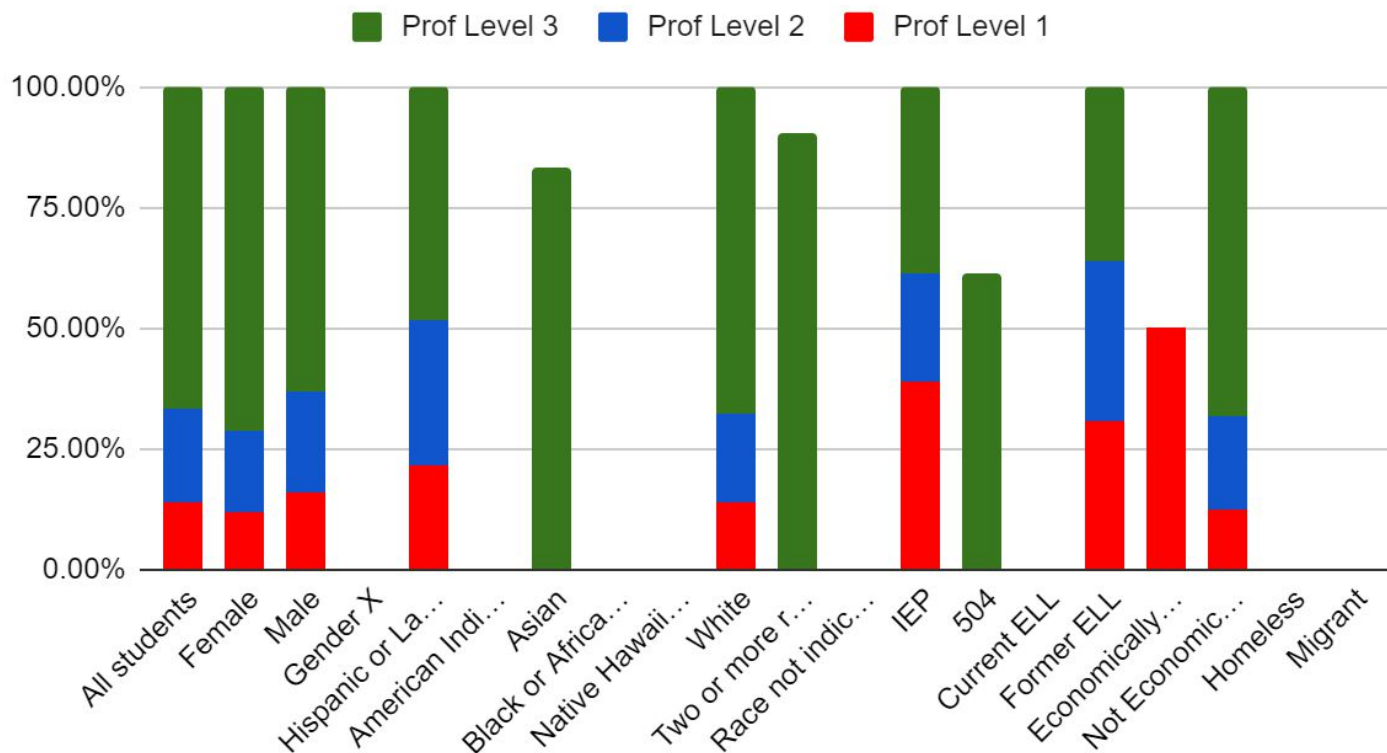


# West Ridge ELA



# ELA Scores by Sub- group

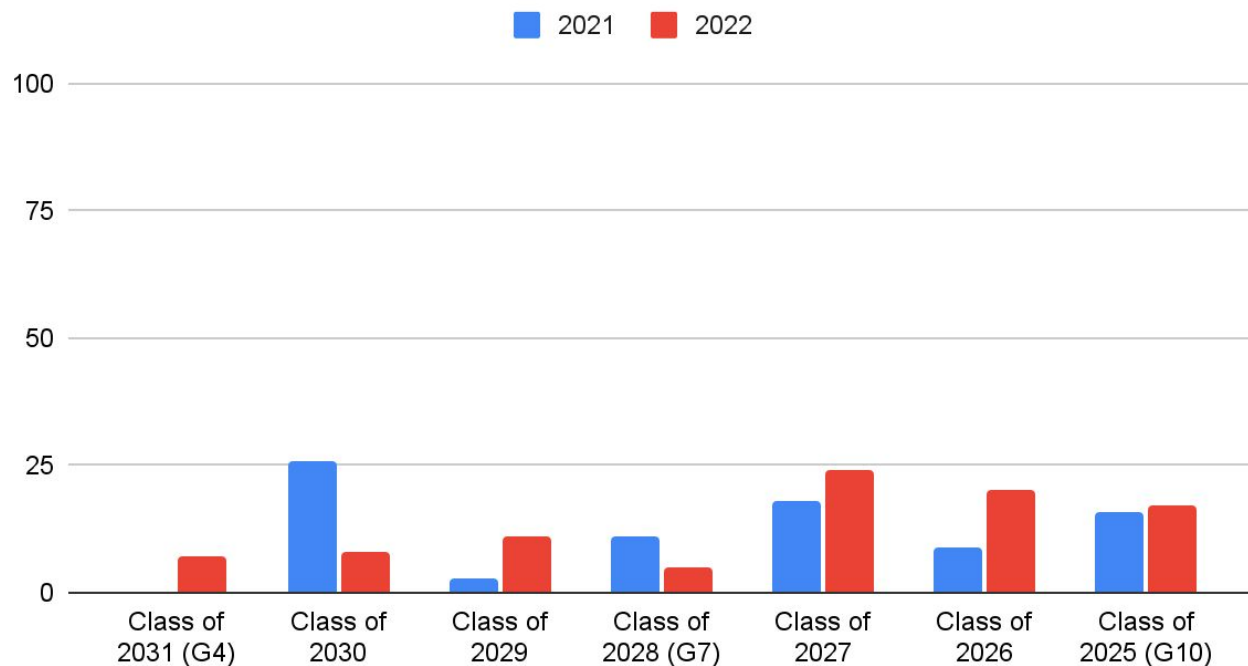
Prof Level 1, Prof Level 2 and Prof Level 3



# ELA Comparison, 2021 and 2022

## By Cohort

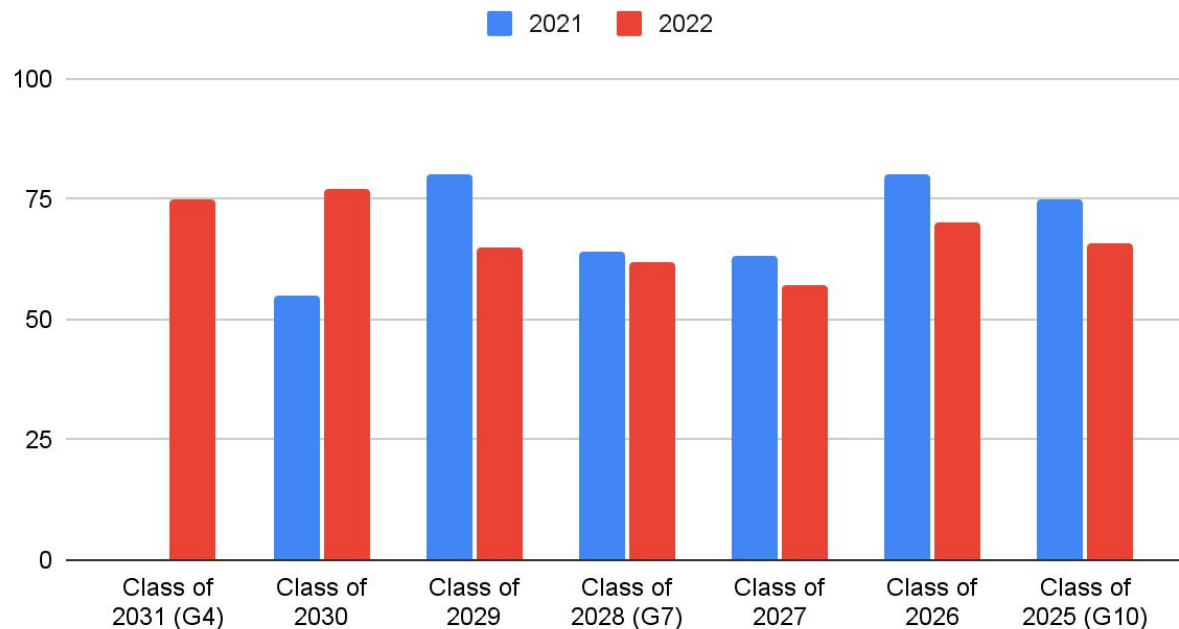
Percentage Scoring 1

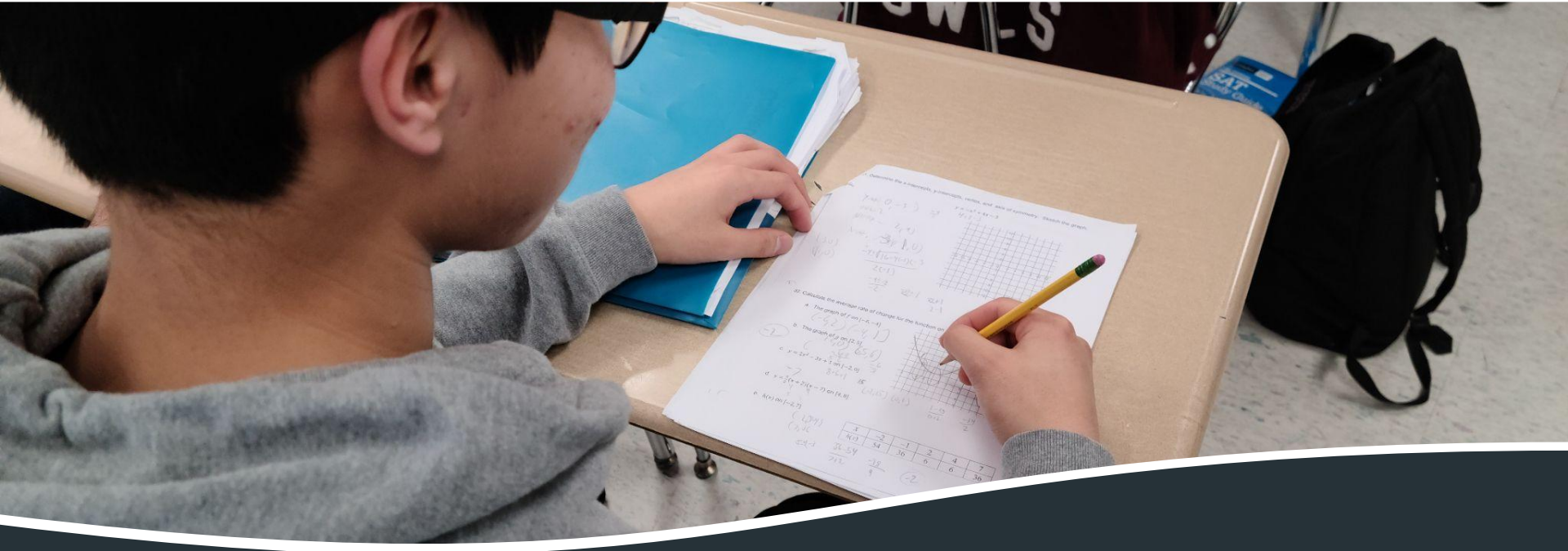


# ELA Comparison, 2021 and 2022

## By Cohort

Percentage Scoring 3

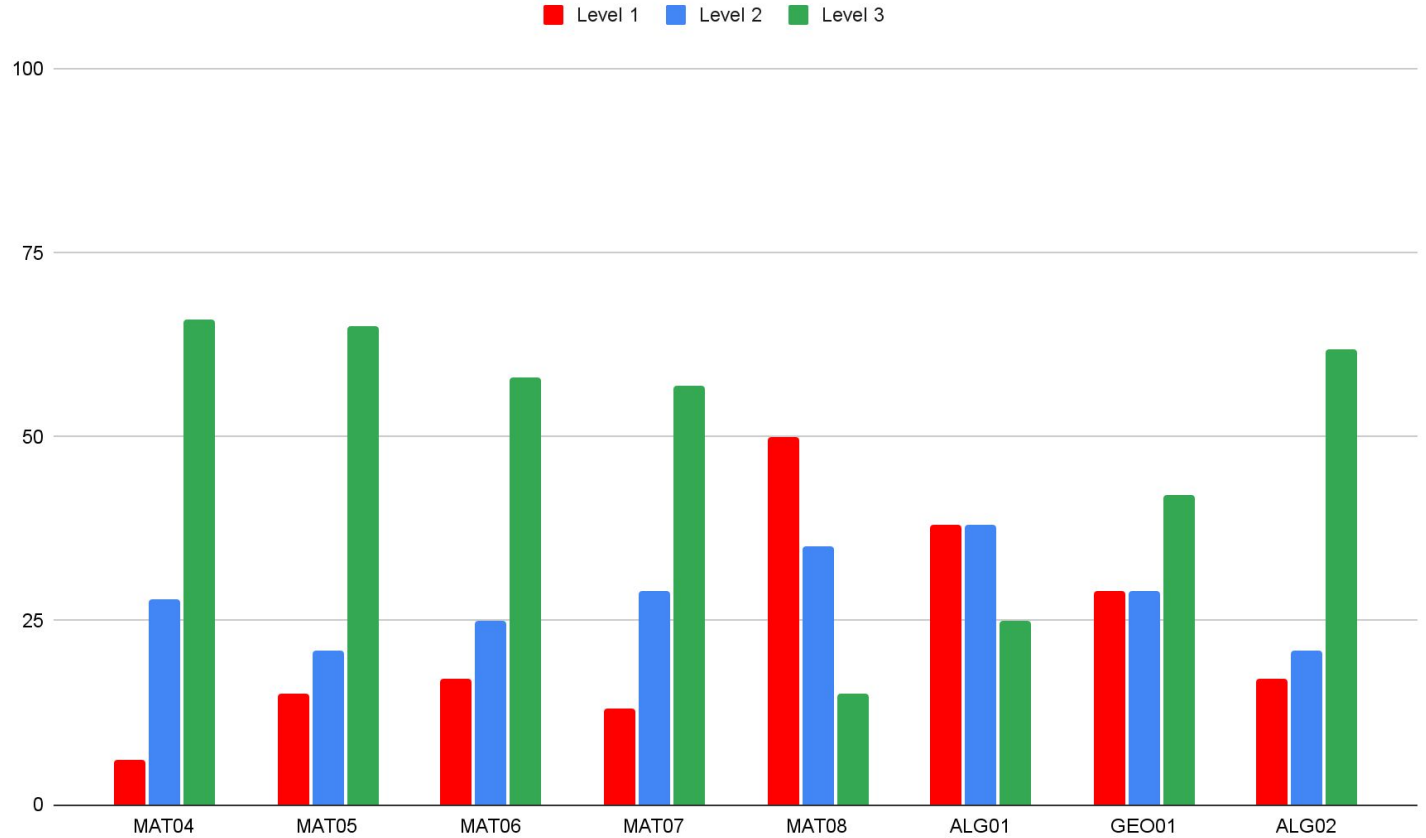




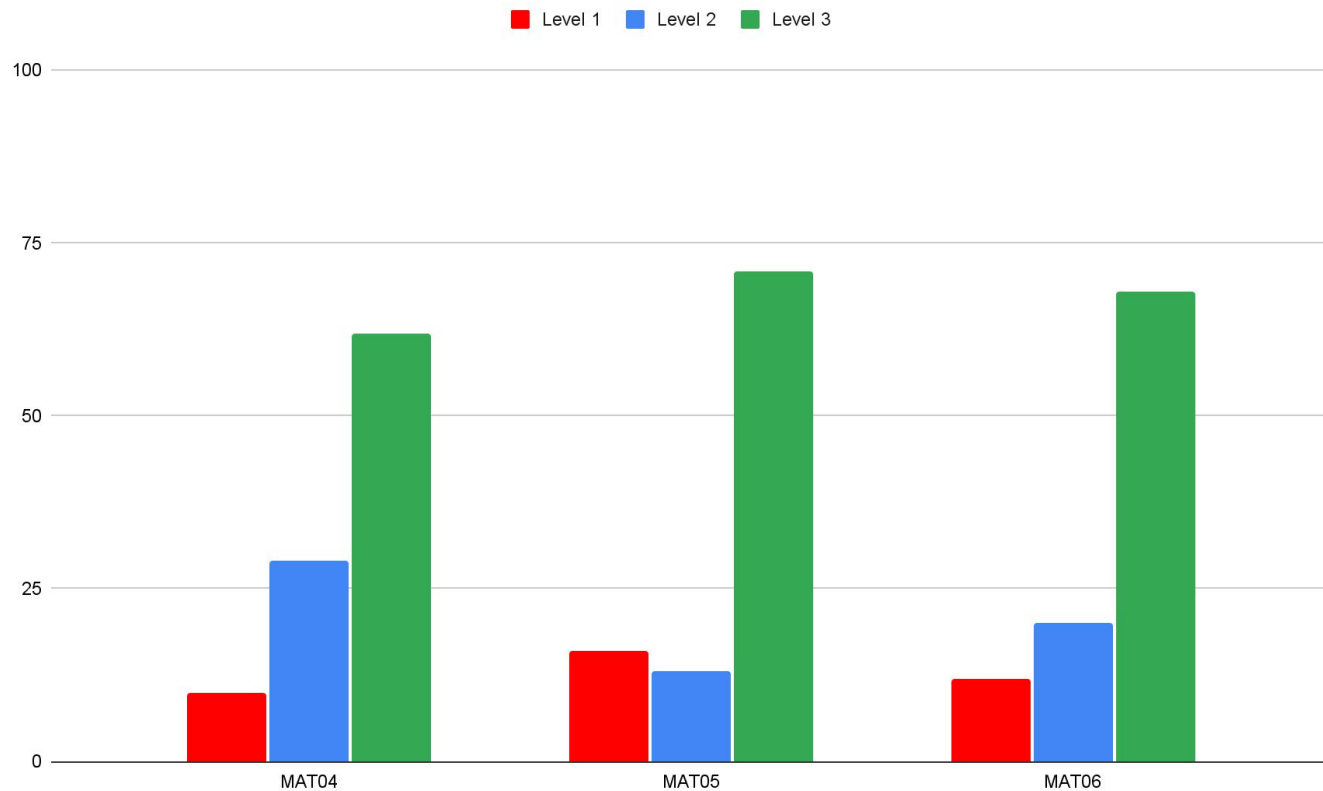
# Start Strong Math Scores

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# District and PRHS Overview - Math

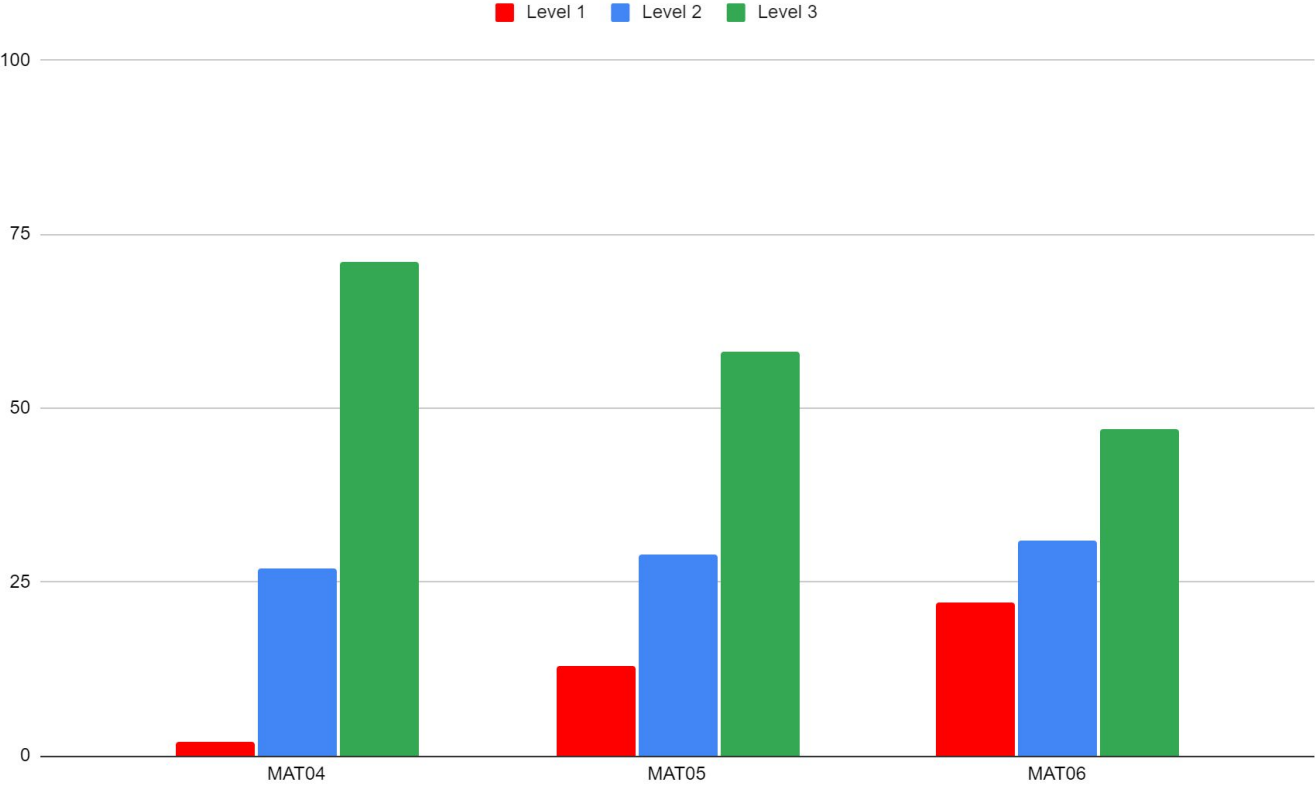


# East Brook Math



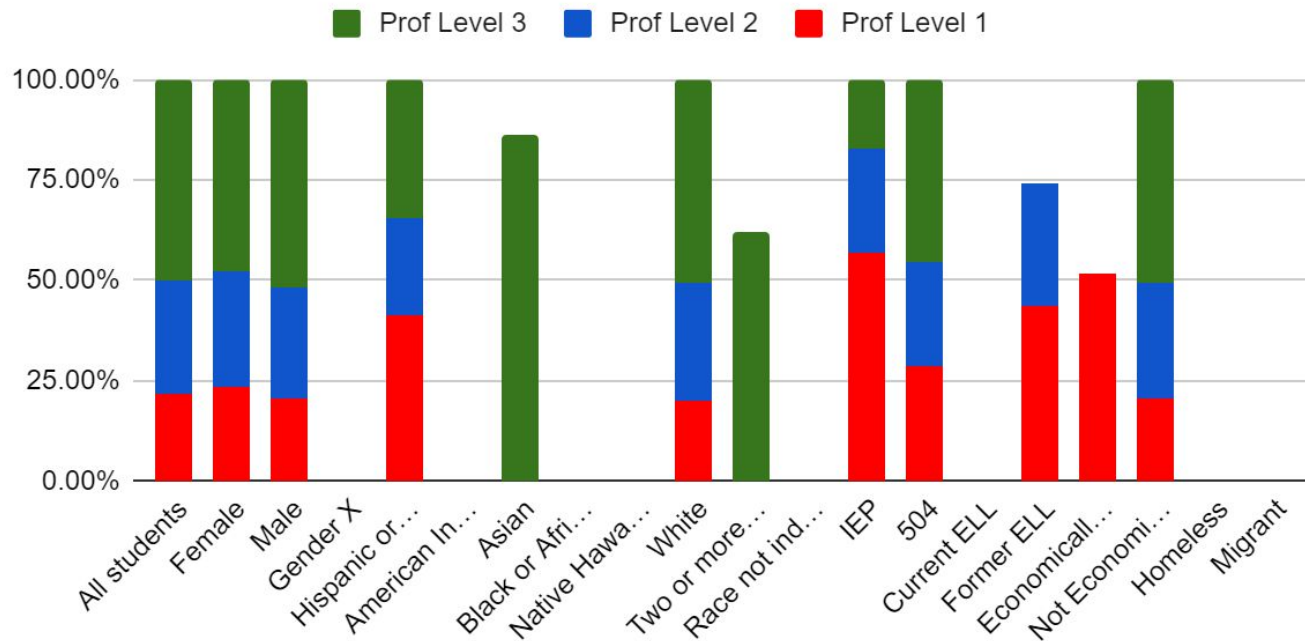


# West Ridge Math



# Math Scores by Subgroup

Math Scores by Subgroup

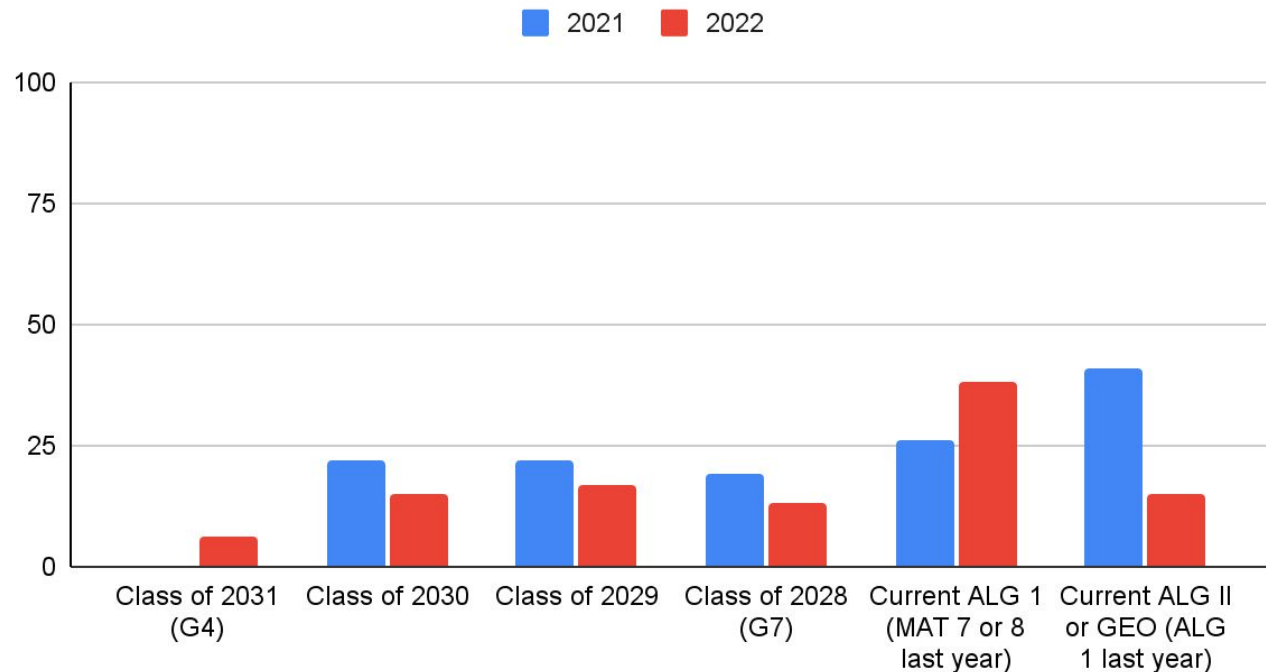


Math Scores by Subgroup

# Math Scores Comparison 2021 and 2022

## Approximate Test-Taking Cohort

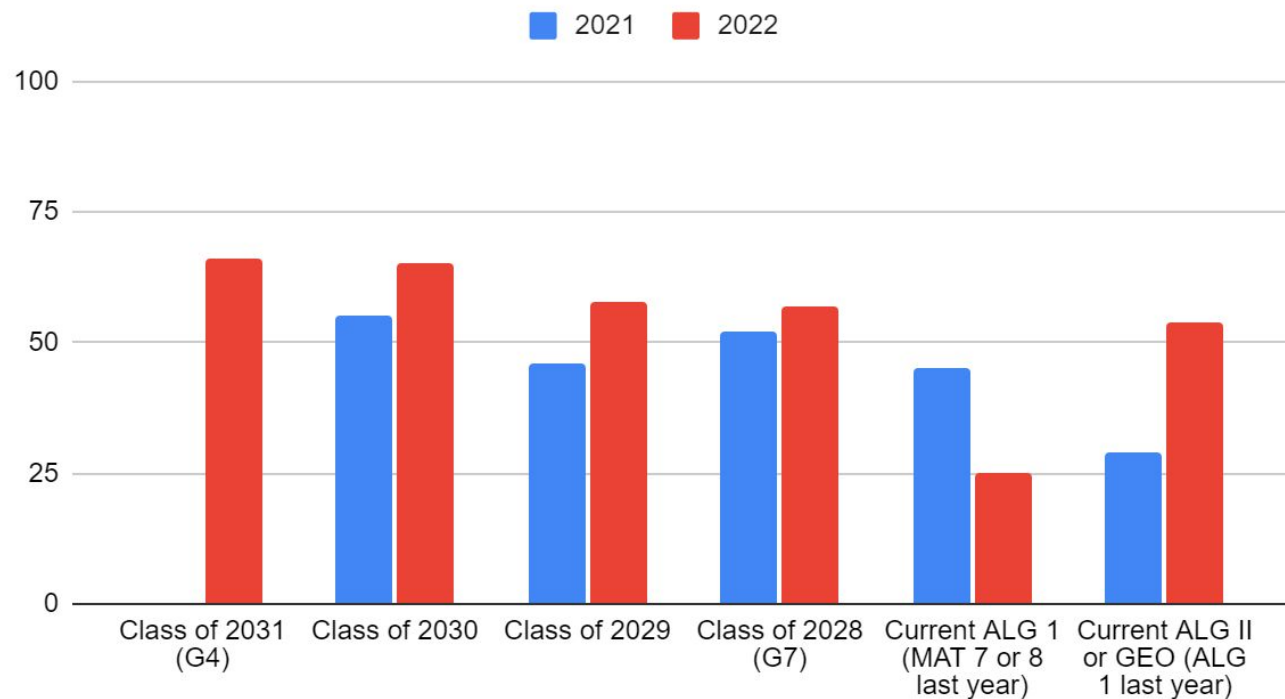
Percentage Scoring 1



# Math Scores Comparison 2021 and 2022

Approximate  
Test-taking  
Cohort

Percentage Scoring 3

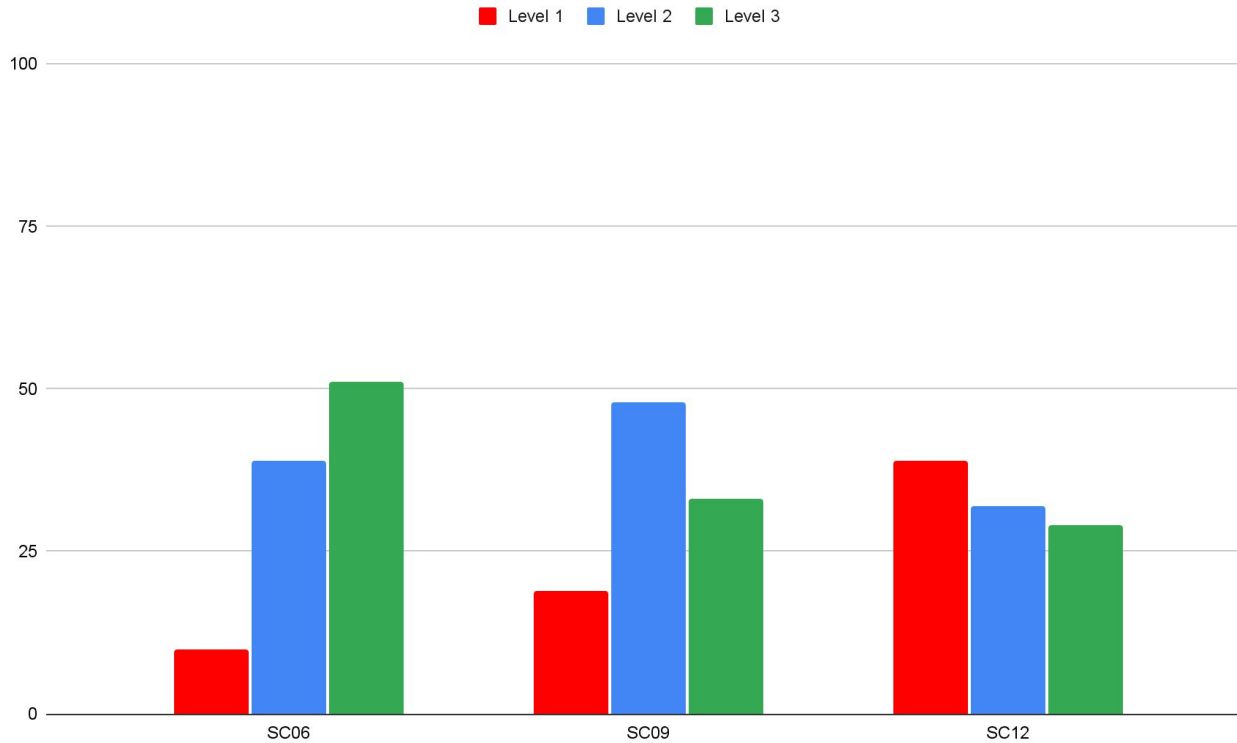




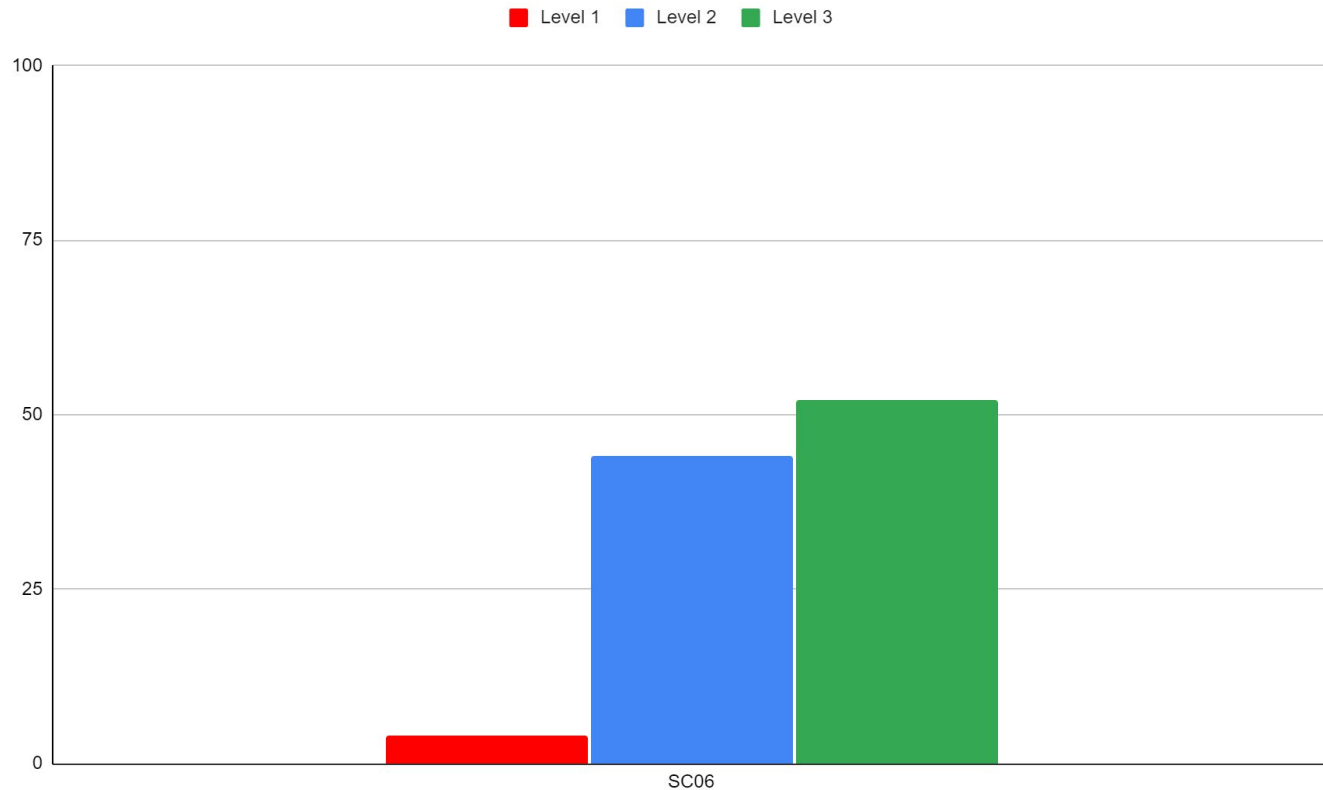
# Start Strong Science Scores

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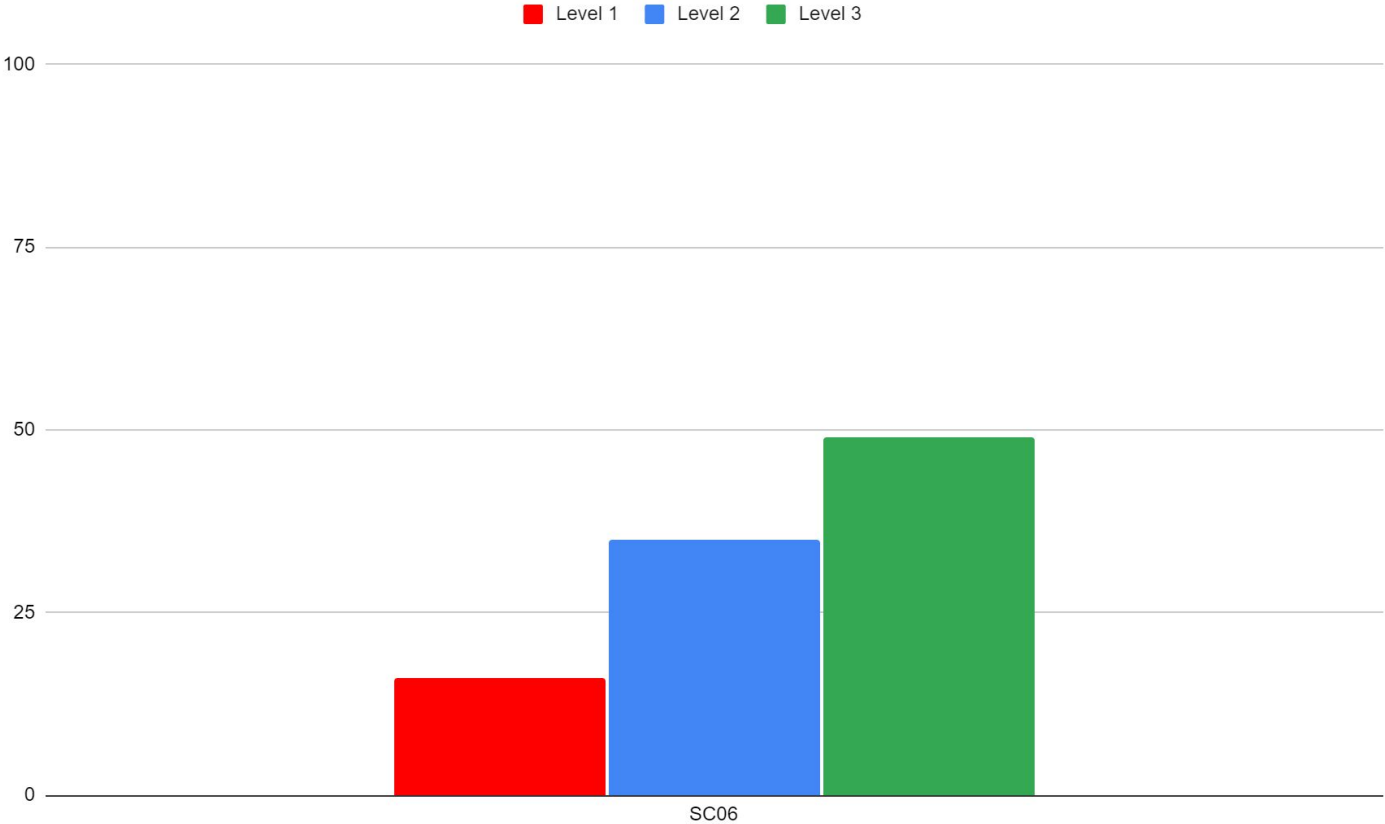
# District and PRHS Overview - Science



# East Brook Science (Science 6)



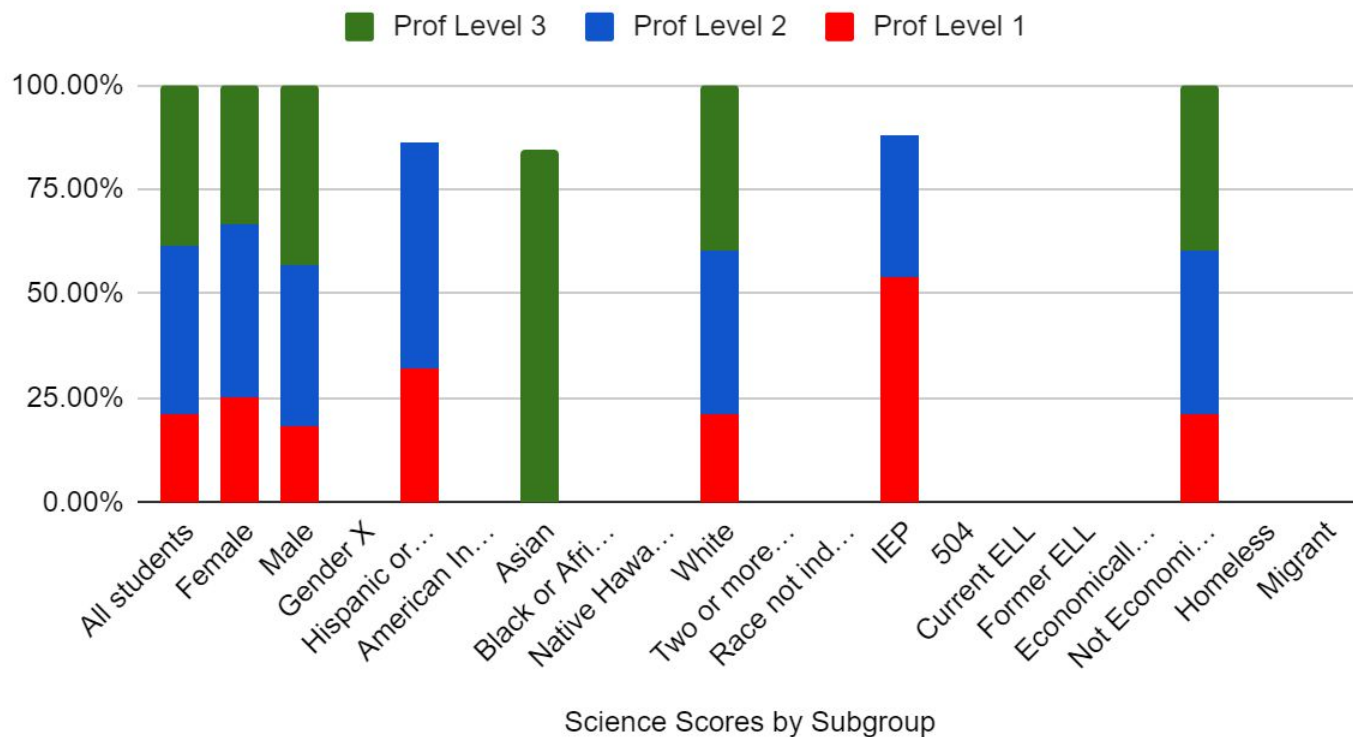
# West Ridge Science





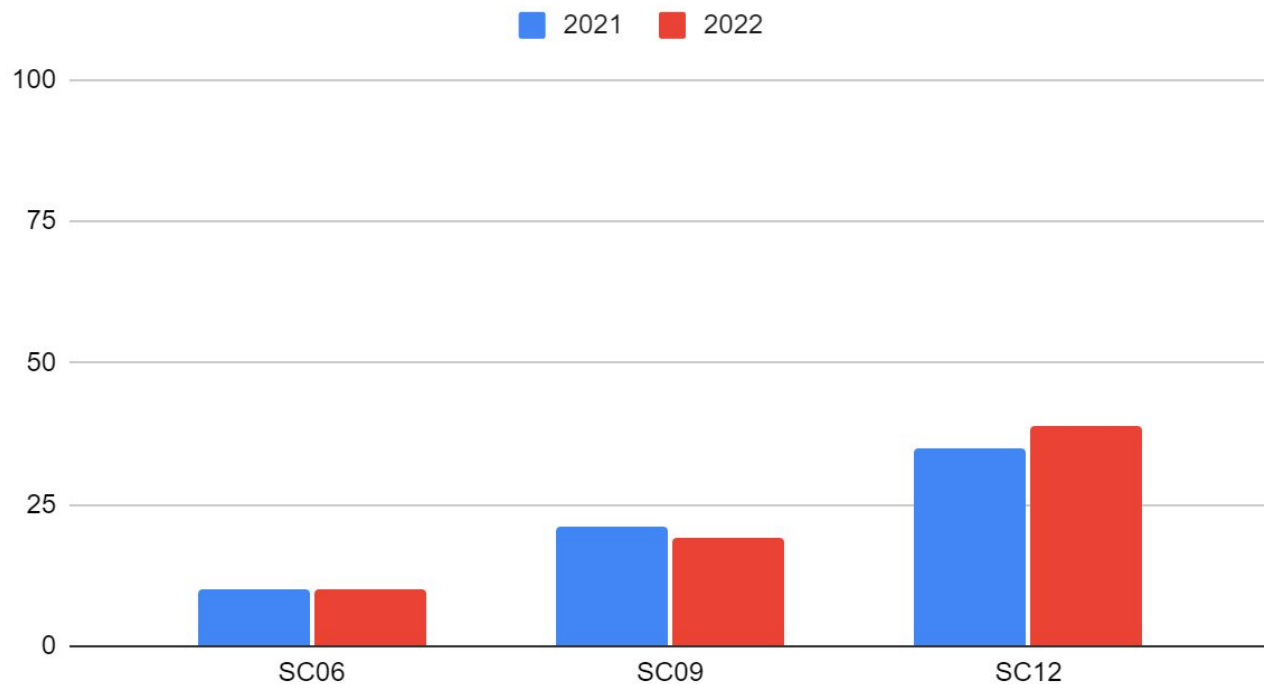
# Science Scores by Subgroup

Science Scores by Subgroup



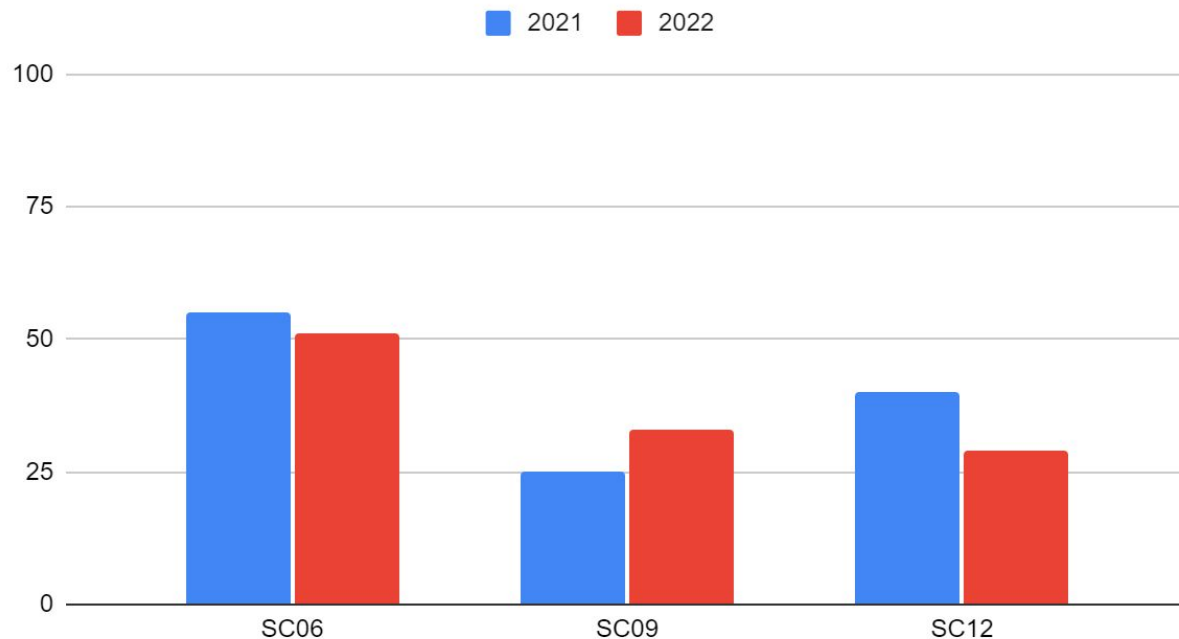
# Science Comparison 2021 and 2022

Percentage Scoring 1



# Science Comparison 2021 and 2022

Percentage Scoring 3



# Ongoing Park Ridge Initiatives

## District-wide:

- Met in departments, grade-levels, and disciplines to review data associated with Start Strong
- Connected Start Strong review to our emphasis on 'action standards' in curricula
- Meeting time includes after-school meetings, as well as P.D. days to focus on assessment and curricular supports
- Resumption of out of district PD for learning acceleration, literacy, and small-group instruction
- Summer Owl Academy met for a second year
- District-wide review of our I&RS process; focusing on how can we reach children earlier
- District-wide review of our science materials to find more hands-on material options
- Introducing AP Environmental Science to give more options for science for seniors
- Ongoing attempts at reach out to identify students earlier

## School-based:

- Continued our expanded extra-help program at elementary schools
- Summer-based 7th grade Orientation to acclimate students early at PRHS
- Implemented and expanded Evening Office Hours at PRHS

# Questions?

## Contact:

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Director of Curriculum, Instruction, and Technology

201.573.6000 ext. 5409

[patrickbernardo@parkridge.k12.nj.us](mailto:patrickbernardo@parkridge.k12.nj.us)

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