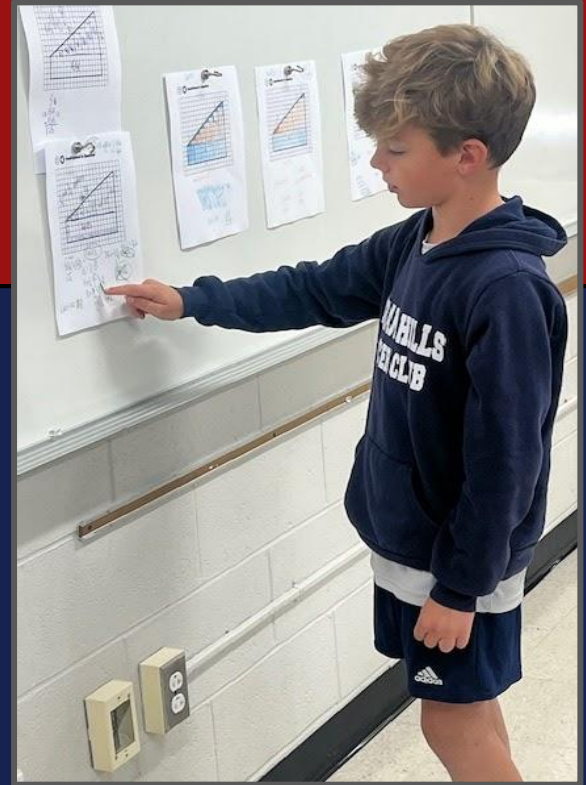


BYRAM HILLS CENTRAL SCHOOL DISTRICT

Advanced Learners Program Update



Dr. Tim Kaltenecker
Deputy Superintendent

Board of Education
May 7, 2024

Advanced Learner Program - Description

The Byram Hills School District recognizes that **students develop academically, socially, and emotionally at varying rates**. To meet the academic needs of all students, the District **supports differentiation in the classroom** where students are both supported and challenged at their academic readiness level, and where students are provided experiences that address their achievement and aptitude. ***All students benefit from learning together with a differentiated curriculum.***

Nonetheless, the District recognizes that **advanced learners may benefit from additional instructional opportunities to learn together**. To this end, **the District implements a program for advanced learners to provide opportunities for peer interaction and engagement in deeper learning of content**. The advanced learner program includes a “pull-out” component at some grade levels where students explore additional content and experiences that enrich their learning to address their unique readiness and potential.

Overview of Programs

HUMANITIES

COMAN HILL

Pull-out - Reading Club

- Read high quality literature
- Student-centered discussions to think deeply about issues from various perspectives
- Deepen reading comprehension, critical thinking, speaking, listening, and writing

WAMPUS

Encore Enrichment Program

- Provide various activities to engage students in a variety of topics of interest
- Deepen students' thinking about topics
- Conduct research and present learning

Pull-Out Enrichment

- Provides students various opportunities to deepen content knowledge through activities

MATH

Push-in Program, grade 2

- Enriches the curriculum
- Small group instruction to deepen the learning
- Collaborate with classroom teacher to support the needs of advanced learners

Pull-out Advanced Learner Program -

- Four cycles (two months each), with new groups each cycle
- Non-routines problems to enhance critical thinking and creativity
- Apply content at deeper levels
- Develop learning dispositions

Enrollment

- The number of students who participated in at least one cycle of the pull-out programs during the 2023-2024 school year:

	MATH	HUMANITIES
GRADE 1		4-5 students per session <i>1 session per week</i>
(Push-in) GRADE 2	30 students (16%)	5-8 students per session <i>2 sessions per week</i>
GRADE 3	35 students (19%)	45 students (24%)
GRADE 4	34 students (19%)	46 students (26%)
GRADE 5	34 students (21%)	42 students (26%)

Ongoing Review and Updates

MATH CRITERIA 3-5

1. **NYS math assessment score:**
Top quartile of level 4
2. **i-Ready diagnostic:**
Above grade level
3. **In-class assessments:**
Mastery of content (95% average)
4. **Mathematical dispositions:**
Observed regularly

PROFESSIONAL LEARNING

Expert consultant collaborated to develop the curriculum over the past year; she will continue to work with us over the next year.

Also, the consultant worked with classroom teachers on differentiation in the classroom and will run a math institute this summer.

RECOMMENDATIONS

- Revise criteria based on experience this year.
- Increase communication regarding criteria for entry into the math advanced learner program.
- Revise teaching assignment for the math advanced learner teacher to increase opportunities at Coman Hill.
- Review the humanities advanced learner program at Wampus.

Inspired by Double Concentric: Scramble by Frank Stella, 1971

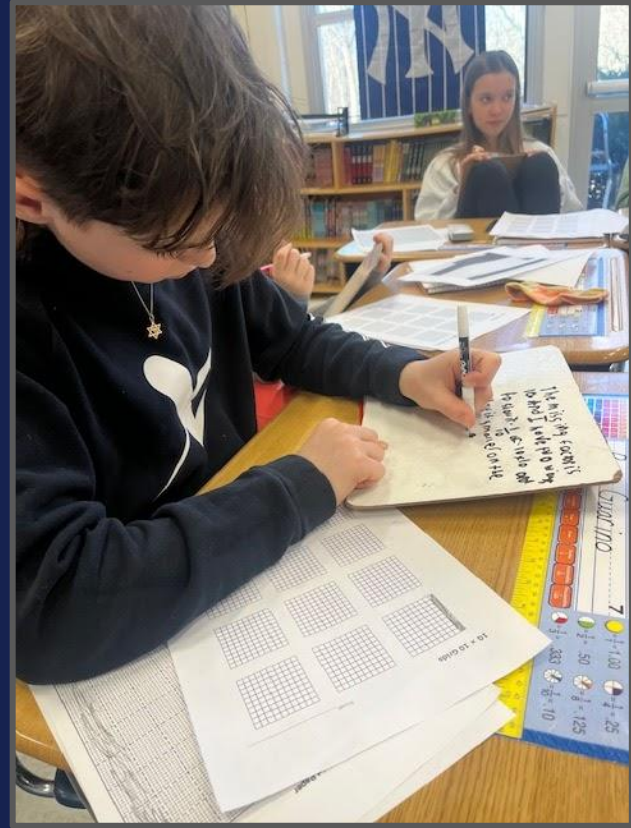


What fraction of the painting does each color represent?

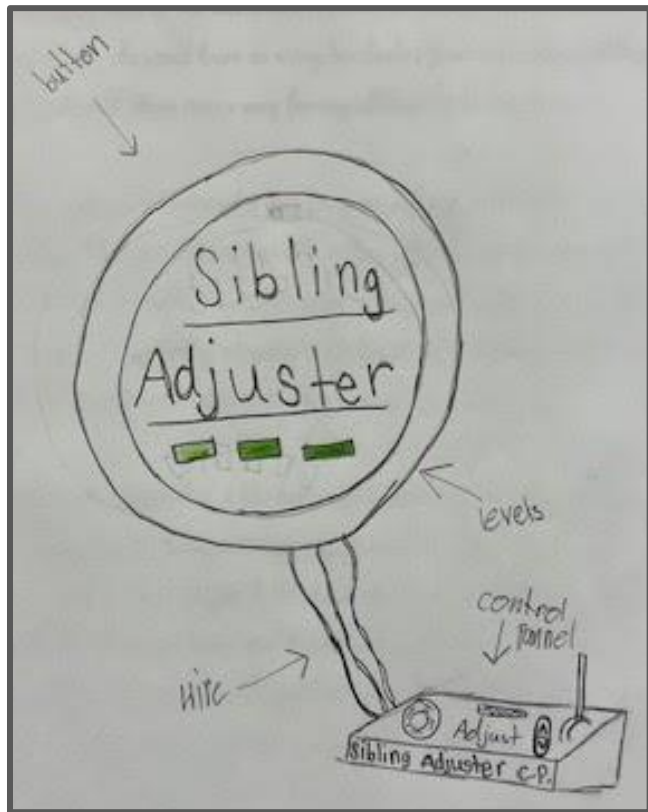
How do you know?

*Aligned to the grade 4
proportional reasoning unit.*

BH



Creating the Leaders of the Next Generation



Final Persuasive Ad Campaign

My older siblings are always teasing me. It's either them calling me mean names or them being rude to me and I don't like it. It annoys me so much. I feel so bad for my Mom, she must have so many headaches from me and my siblings always fighting. I wish there was a way for my siblings to be nice to me.

Lucky for you, we have found a way for your siblings to be nice to you. It's called the *Sibling Adjuster*! This is how the sibling adjuster works, you simply press a big button and it sends a signal to your siblings and suddenly your siblings are being nice to you! The sibling adjuster lasts for about 3 months until it wears off then you just have to wait 1 day until you can press it again.

You may be thinking what if the button gets stuck and it stops working? Well I have an answer to those questions. If the button gets stuck while you are pressing it down this is how you fix it. There should be a knob on the side of the button that you should turn 3 times and it will loosen up the gears inside of the button. If the button stops working it's probably because you forgot to charge the control panel. That means you just have to charge the control panel. You have to charge it for at least 2 hours. Also don't worry it's not expensive, it only costs 20\$ and that includes a charger. Also we take returns if you don't like our product. But trust me you will love our product.

Mathematical Dispositions

MATHEMATICAL DISPOSITIONS	
Pattern Seeking	Notice patterns and make generalizations.
Reasoning	Explain how and why an approach is used.
Solving Problems	Look for alternative solutions to problems.
Connections	Connect math concepts to real-world situations.
Communicating	Articulate ideas and concepts using words, symbols, pictures, and models.
Self-Directed Learning	Persevere when faced with challenges; demonstrate patience, persistence, and resilience.
Interest & Motivation	Exhibits interest, curiosity, and excitement about mathematics.

Sources: [Math4teaching](#); [math4life](#); [PLC guide](#); [Univ of Cambridge](#); [Cuoco & Goldenberg](#)