

ADVANCED ACADEMIC LEVEL IV PROGRAM PARENT ORIENTATION



April 10, 2019

Key Staff

- Jessica Curran, 3rd grade AAP Teacher
- Julianne Hussin, 4th grade AAP Teacher
- Lisa Bliss, 5th grade AAP Teacher
- Stacy Finkelstein, 6th grade AAP Teacher
- Scott Bloom, Principal
- Joshua DeSmyter, Assistant Principal
- Franz Misch, AART
- Melissa Rossman, Reading Specialist
- Emily Angle, Math Specialist
- Tim Scesney, SBTS



Center v. Local Level IV

- ★ All Level IV programs adhere to the same curriculum outlined by the FCPS, Advanced Academic office
- ★ Likewise, all teachers receive the same professional development and training sessions to teach these materials
- ★ Most FCPS schools without a center program offer local level IV services
- ★ Scott's philosophy...

The only variables!

1. The number of Level IV center-eligible students
2. Local Program - maintain neighborhood relationships with families
3. The teacher

What has the biggest impact on student achievement and happiness? THE TEACHER!!!



Rising 3rd grade students: The significance of selecting our local program on class size

- ★ 23 Level IV center-eligible rising 3rd grade students
- ★ If at least 50% of these students stay, we will most likely qualify for another classroom, reducing class size to approximately 23
- ★ Do students ever come back? Yes - two already for next year



Mrs.Finkelstein

@MrsFink6th

Following



Ready for Colonial Day! 4th grade, we hope you enjoy!!





- ★ Each grade level takes their own grade level language arts SOL
- ★ Each grade level takes their own grade level science and/or social studies SOL
- ★ 3rd and 4th grade take their grade level math SOL
- ★ 5th and 6th grade take the next grade level SOL only in math



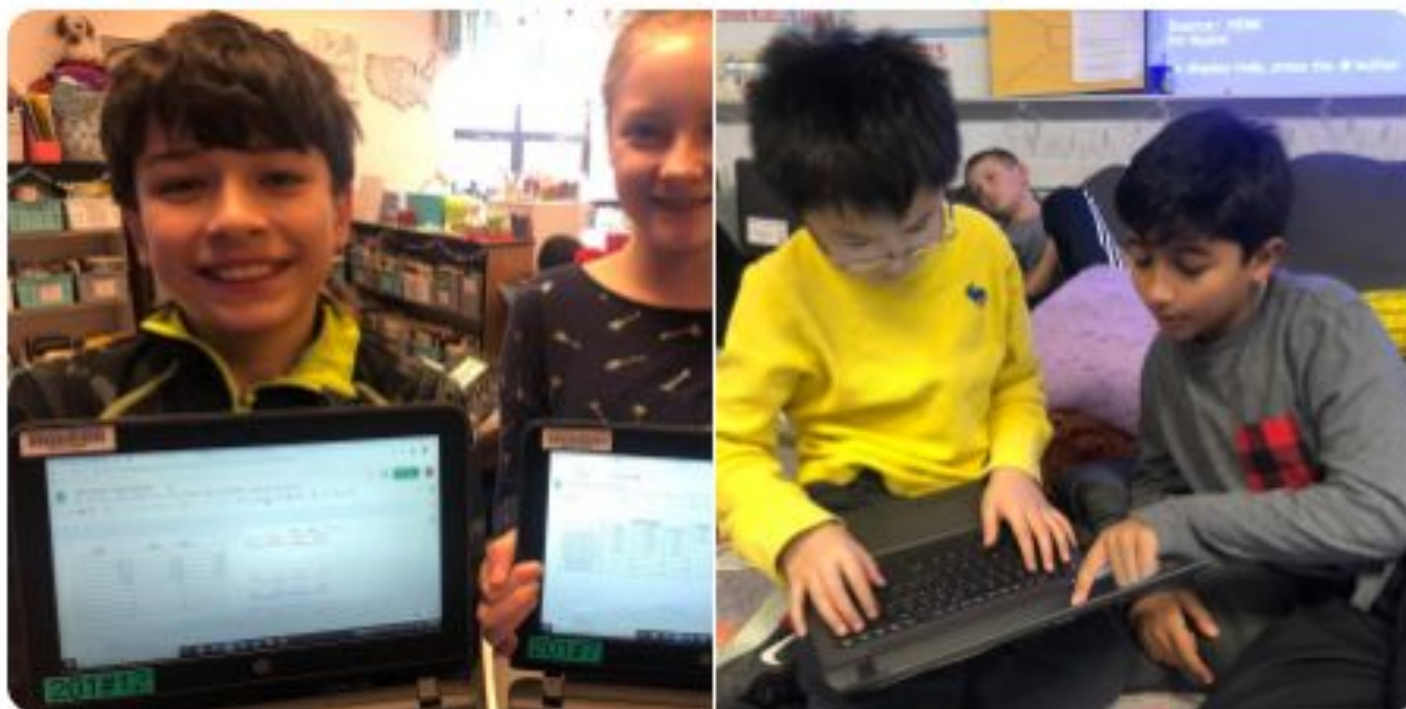
Ms. Bliss' Class

@ablissfulclass

Following



Students tracking stocks through our financial literacy work. Thanks [@tscesney](#) for teaching them how to graph using [@GoogleForEdu](#) tools! [@FreedomHillES](#) [@FCPSR2](#) [@fcpsnews](#) [#techt teamwork](#) [#financial literacy](#)



A Closer look at our current model

- ★ Automatically place eligible students, then use protocol to determine candidates for remaining seats for the AAP homeroom
- ★ Flexible grouping in math (accelerated) and reading groups as needed
- ★ Other grade level teachers are infusing AAP curriculum and resources as appropriate



Julianne (Roque) Hussin

@MsRoqueFHES

Following



Future career in coding?!?! Time will only tell. That's why it's so important to participate in the [#hourofcode2018](#) and teach computer science!



Instruction in the AAP Classroom

- ★ Accelerate the pace of teaching and learning
- ★ Compact basic knowledge and skills
- ★ Provide opportunities to make choices to explore deeper understandings and apply new knowledge
- ★ Promotes inquiry and encourages risk-taking

How is the AAP Curriculum Different?



reason
listen
THINK



Concept-Based Instruction

- “Big Ideas”
e.g. change,
systems,
conflict

Problem-Based Learning

- Real world
- Structured and controlled by teacher but student driven

Students Working as Experts in the Field

- Evidence to support reasoning
- Research
- Scientific reasoning

Problem Solving and Competitions

- Mathematics problem-solving competitions
- Science investigations

AAP Level IV Curriculum Guides

All Level IV
teachers have
access to the
guides

Social Emotional
Needs of
Advanced
Learners

Fostering a
positive
classroom

Curriculum
Framework

Critical and
Creative Thinking

Assessments for
Growth

POS grade-level
and AAP
extensions

Concept-based
development

Language Arts

Math

Science

Social Studies

Extension of the Core Curriculum

For 3rd- 6th grades

Aligned with progress report standards

Connected to AAP curriculum resources

Language Arts	
Listens and speaks for specific purposes	
3 rd Grade POS	AAP 3 rd Grade Extensions
Listen attentively by making eye contact, facing the speaker, etc.	<ul style="list-style-type: none">• Participate in group discussions as a listener and a speaker in seminars• Ask clarifying questions and take notes when listening to a speaker• Develop listening/oral communication skills
Ask, respond to questions from teachers, other group members	<ul style="list-style-type: none">• Participate in group discussions as a listener and a speaker in seminars
Explain what has been learned	<ul style="list-style-type: none">• Understand and encapsulate the speaker's main points• Articulate understanding of a reading to a partner.

Mathematics

★ Conceptual Understanding

★ "Bigger Picture" Instruction

★ Process Goals

FCPS Mathematics Planning and Pacing Guide		Yearly Overview Grade 3 Advanced	
Process Goals:		Content Emphases in Grade 3 Advanced:	
<ul style="list-style-type: none"> To build new mathematical knowledge through problem solving and to develop a repertoire of skills and strategies for solving a variety of problem types (Problem Solving) To communicate mathematical ideas coherently and clearly and to analyze and evaluate the mathematical thinking of others (Communication) To use logical reasoning in solving mathematical problems and to explain and justify mathematical ideas (Reasoning) To understand how mathematical ideas interconnect and build on one another and to use those connections to solve problems (Connections) To create and use a variety of representations in learning, doing, and communicating mathematics (Representations) 		<ul style="list-style-type: none"> To extend understanding of the base-ten numeration system and place-value concepts and apply that knowledge to multidigit addition and subtraction To develop fluency with whole number multiplication and apply an understanding of the inverse relationship between multiplication and division To develop an understanding of decimals as part of the base ten number system To develop an understanding of fractions and fraction models To apply understandings of fraction models to represent addition and subtraction of fractions 	
Throughout the Year: Time, Temperature, Data, and Patterns			
Quarter 1	<u>Unit 1</u> Addition and Subtraction Part 1 <i>Suggested time: 3 weeks</i>	<u>Unit 2</u> Multiplication and Division Part 1 <i>Suggested time: 3 weeks</i>	<u>Unit 3</u> Fractions Part 1 <i>Suggested time: 3 weeks</i>
Quarter 2	<u>Unit 4</u> Addition and Subtraction Part 2 <i>Suggested time: 4 weeks</i>	<u>Unit 5</u> Decimals <i>Suggested time: 4 weeks</i>	<u>Unit 6</u> Mult & Div Part 2 <i>1 week</i>
Quarter 3	<u>Unit 6</u> Multiplication and Division Part 2 Continued <i>Suggested time: 2 weeks</i>	<u>Unit 7</u> Fractions Part 2 <i>Suggested time: 3 weeks</i>	<u>Unit 8</u> Geometry <i>Suggested time: 3 weeks</i>
Quarter 4	<u>Unit 9</u> Measurement Continued <i>3 weeks</i>	<u>Unit 10</u> Data and Probability <i>Suggested time: 3 weeks</i>	<u>Unit 11</u> Time <i>1 week</i>
			<u>Unit 12</u> Multiplication and Division Part 3 <i>Suggested time: 2 weeks</i>

AAP Curriculum Resources

Language Arts

- ★ Jacob's Ladder
- ★ Caesar's English
- ★ Socratic Seminar
- ★ Touchpebbles/Touchstones
- ★ Great Debate
- ★ Reading Above
- ★ Jr. Great Books
- ★ Navigator Novels
- ★ Wm & Mary Units of Study

Math

- ★ Groundworks
- ★ Great Expectations
- ★ Project M3
- ★ Puddle Question
- ★ Wm & Mary - Beyond Base 10

Social Studies

- ★ William and Mary Units of Study
- ★ Document Based Inquiry (DBQ)

Science

- ★ Jason's Project
- ★ William and Mary Units of Study



Jessica Curran

@MsCurranGr3AAP

Following



We are loving the warmer weather at recess!
Happy Friday! 😎 #FHHighlights





Digital Tools

To assist students with building the FCPS Portrait of a Graduate skills

- With generous PTA support and donations from local high schools, FHES has a significant increase in access to digital tools.
- Grades 3-6 classrooms will have a 1 : 1 laptop to student ratio.
- BYOD will continue to provide supplemental tools.



	2015-16 (as of June)	2016-17 (as of June)	2017-18 (as of December)
Total Computers (5 years or newer)	482	493	620
(6 to 10 years old)	356	415	546
Student Membership	126	78	74
Student Membership	649	651	601
Student-to-Computer (5 years or newer) Ratio	1.8 : 1	1.6 : 1	1.1 : 1

Digital Tools

Learning Management Systems

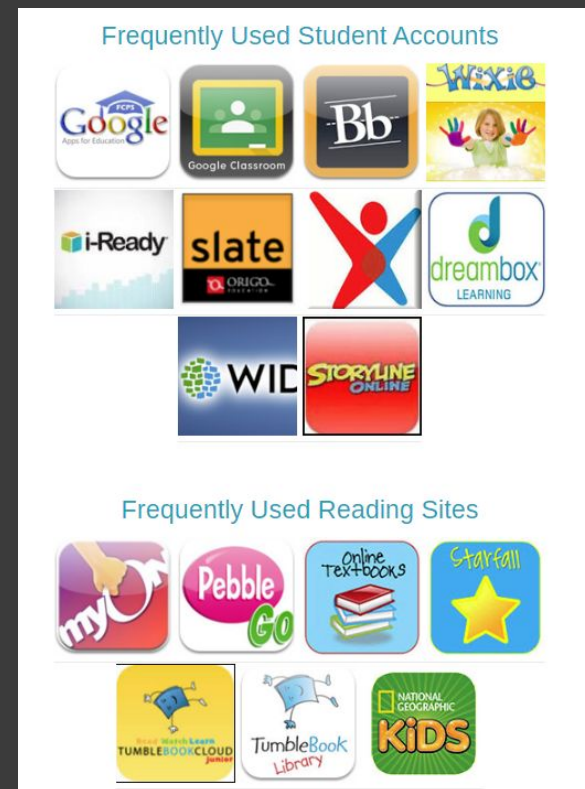
- Students and teachers rely on Google Classroom for communication and ease of digital learning.

In Language Arts

- Students use MyOn for access to hundreds of digital texts.
- Programs like Wixie allow students to author and illustrate their own stories.

In Mathematics

- Students practice new learning using digital manipulatives and the adaptive learning program, Dreambox Learning, will allow them to reinforce, extend, or remediate new learning while playing.

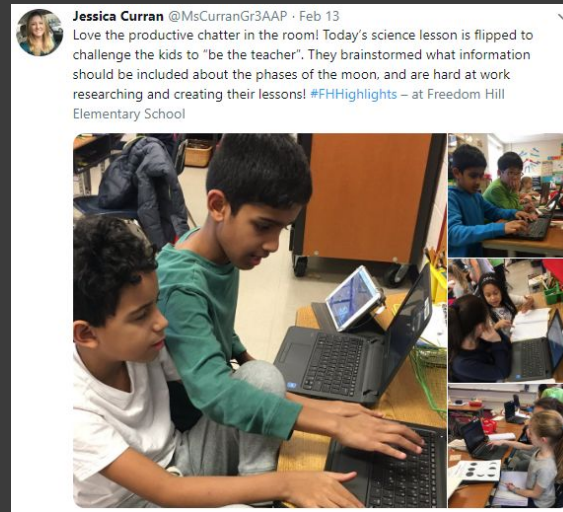


Digital Tools

With increased access to digital tools, students will have daily opportunities to...



Build 21st century skills



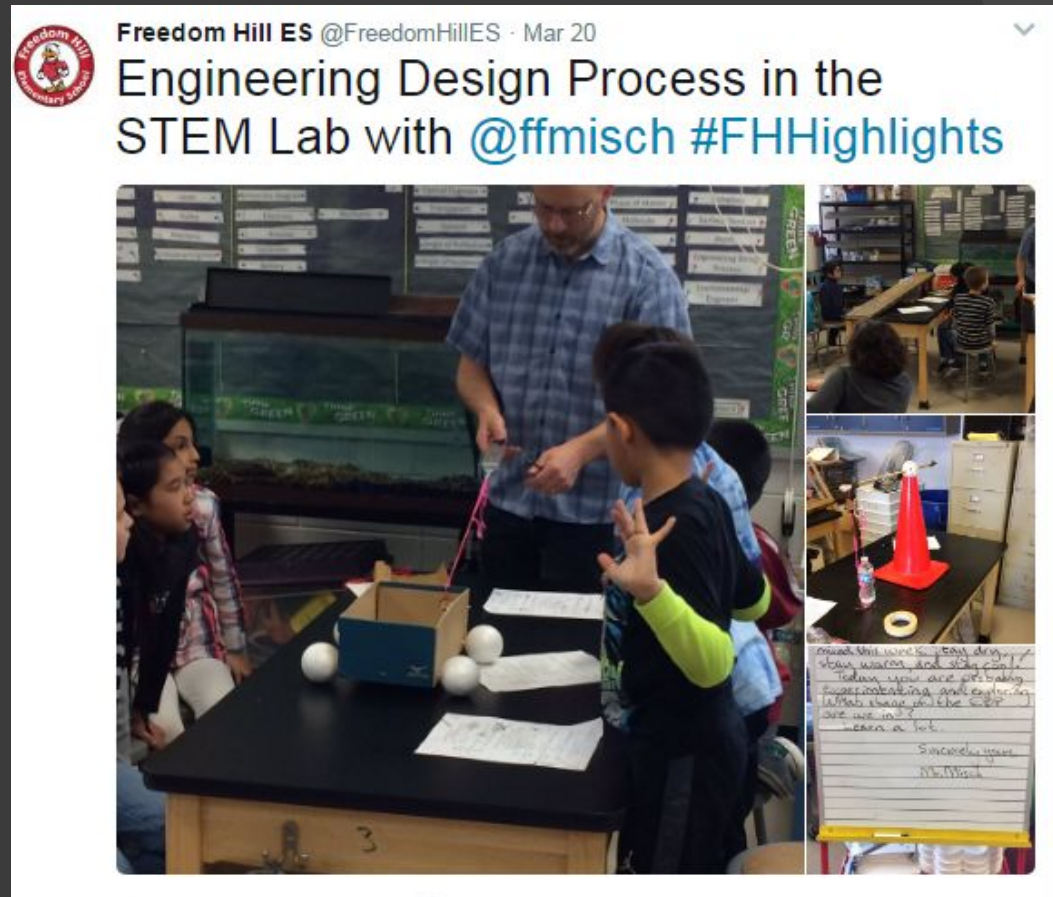
Experience a personalized learning environment



Engage in digital citizenship lessons, explicitly teaching safe digital decision making

STEM Lab with Franz Misch

- ★ STEM = Science, Technology, Engineering, & Math
- ★ Focus on 21st century skills - the 4 Cs
 - Collaboration
 - Communication
 - Critical thinking
 - Creativity
- ★ Portrait of a Graduate attributes
- ★ Problem-based learning





Level 3 Pull-out Classes

Students who are eligible for Level 3 Services and who are not in the Local Level IV class have one session a week with the AART, Mr. Misch. Level 3 pull-out classes primarily use curriculum from the Level IV program.



PTA and School-sponsored After/Before School Enrichment Classes

- ★ Foreign Language Clubs
- ★ Mathnasium
- ★ Jr. Robotics
- ★ Fun with Drawing
- ★ Book Club
- ★ Chess Club
- ★ Kids Run the Nation
- ★ Hip Hop
- ★ Photography
- ★ Math League
- ★ Athletics



PTA-sponsored Events!

Back to School Barbeque

During the first weeks of school, the PTA hosts a barbecue to welcome students, teachers, and families back to school. This is a very popular event!

Halloween Fun Night

Halloween Fun Night is a community favorite event, with a haunted house, moon bounce, glow disco, fortune teller, games, face painting, nail painting, temporary tattoos, cookie decorating and SO MUCH MORE! Kids (and some of their parents) come dressed in costume. Pizza and refreshments can be purchased at the event.

International Day

International Day is another well loved annual event where students have the opportunity to learn about the heritage and culture of their peers and sample food from many different countries. The day starts out with a Parade of Nations. During lunch students have the opportunity to sample from an International Buffet. This is a fun yet educational event for everyone!

Bingo Night

Join us for Bingo! A family friendly evening where everyone can play bingo and win prizes. Pizza and snacks will be available for purchase. More details will be forthcoming as the event date draws near.

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Science Fair

A great opportunity for any budding Einstein to show off their scientific knowledge. This event will be held in February and we look forward to many participants! More details will emerge as the date draws near.

Variety Show

The students love to see their friends perform and show off their talents during this annual school day event. This event is usually held in the spring. Start practicing now and sign up as soon as information becomes available.

Field Day

We end the school year with a day in June full of fun physical activities in the morning organized by our awesome PE department. Then usually followed by a cultural arts assembly in the afternoon. More details forthcoming as the event date nears.

Special Guest Speakers!

Please welcome:

Jennifer Liu

Marnie Fienberg

Neha Desai

Jennifer King



Parent Resources

Advanced Academic Programs
website:

<https://www.fcps.edu/academics/academic-overview/advanced-academic-programs>

National Association for the Gifted

<http://www.nagc.org>

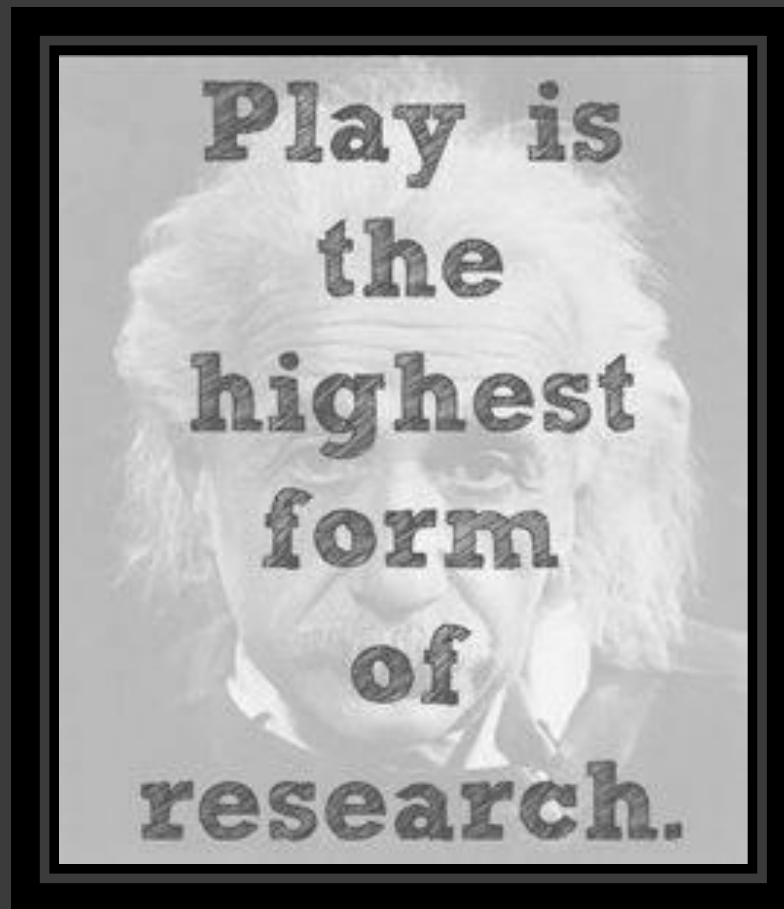
Virginia Association for the Gifted

www.vagifted.org



REMINDER!

- Decisions for eligible Level IV students to attend our assigned Center or continue at FHES in our Local Level IV program must be submitted to AAP Office by May 3rd. Once submitted, it is a one-year commitment.
- Stay current with our website, blog, Twitter, and News You Choose!!!



The Testing Camera

<https://youtu.be/PABNMIG5VJc>



Growing Great Minds at Freedom Hill!