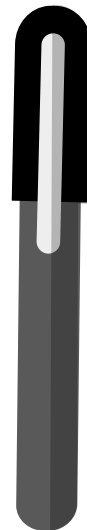
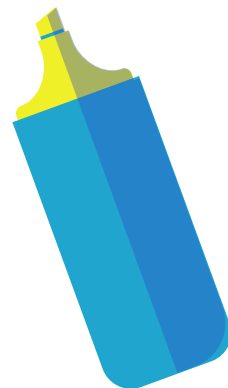
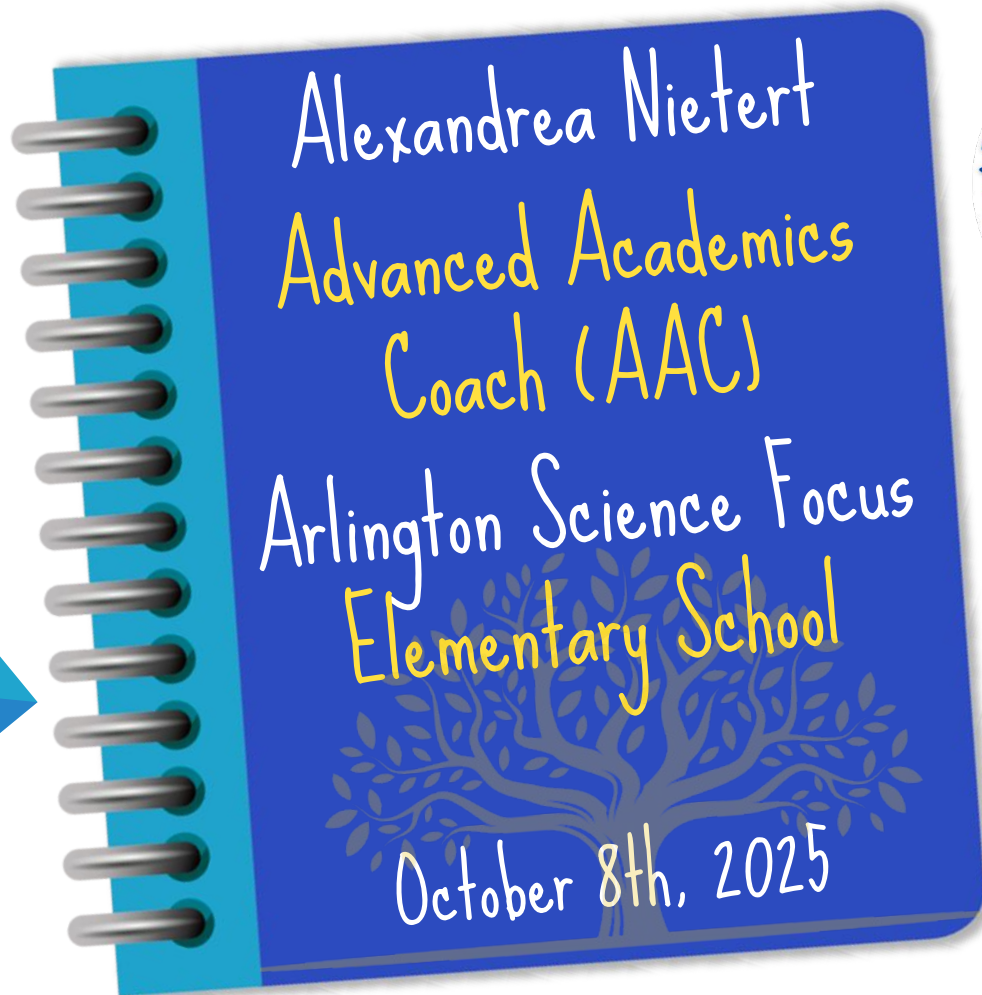
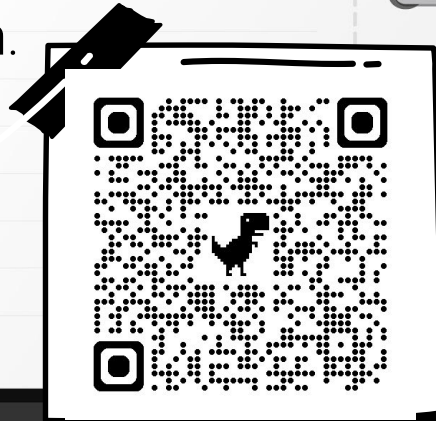




Arlington
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Please jot down any questions you may have during the presentation. You may write them on the note cards provided or use the QR code to record questions on a Google form.



If I cannot address your question during the presentation, I will follow up:

- please include your name
- your child's name (if applicable)
- your contact information

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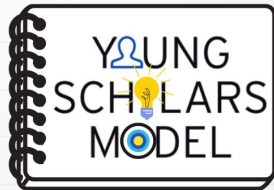
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Objectives:



- Provide an overview of advanced academics at Arlington Science Focus.

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Shared
Responsibility for
Daily
Differentiation
for Advanced
Learners

Cluster Teacher



Differentiation
Monitoring Growth
Use of Resources for Rigor

AAC & School



**Professional
Learning**

**Coaching
&
Collaboration**

**Cluster
Grouping**

District



Commitment to Talent Development & Young Scholars Model

Services & Curriculum

Stakeholder Support

Evaluation of Program Effectiveness

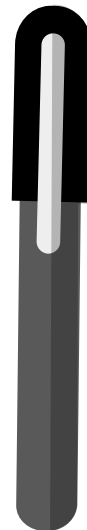
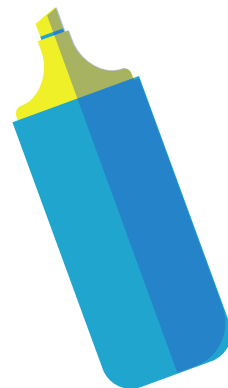
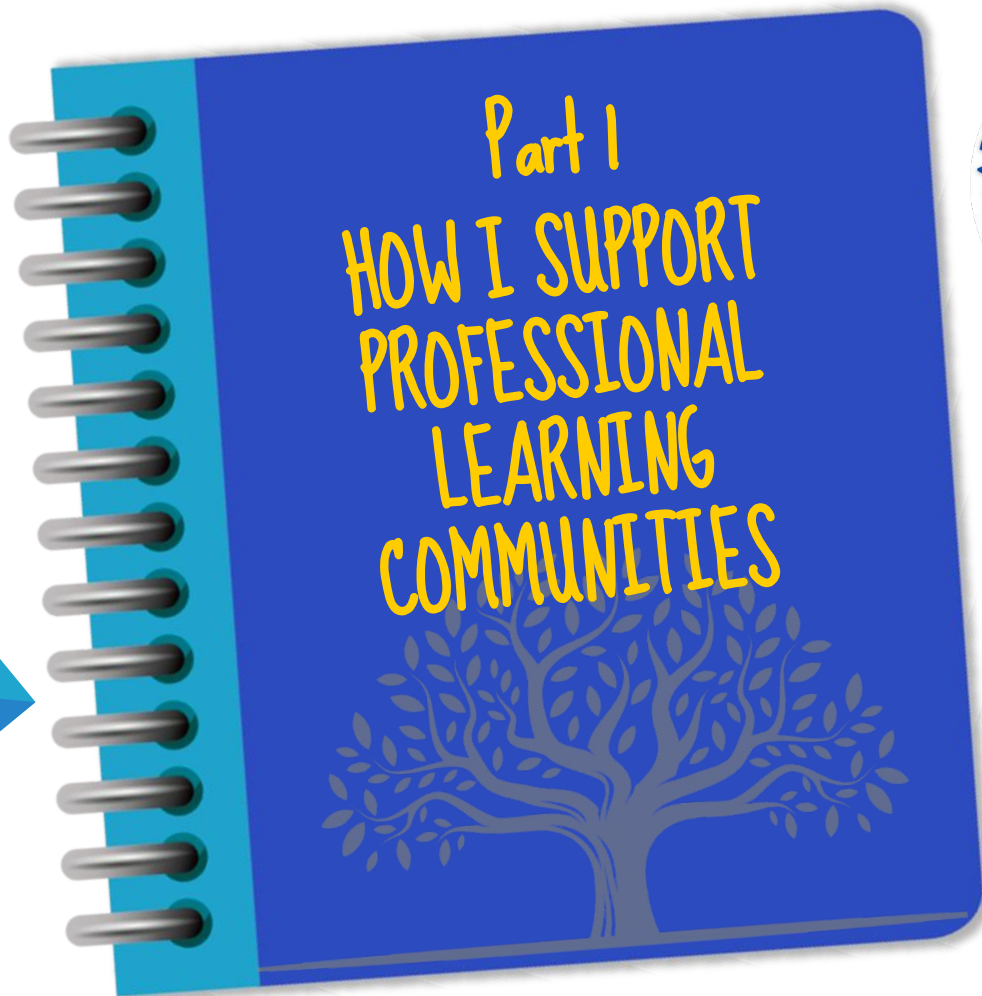
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PROFESSIONAL LEARNING COMMUNITIES

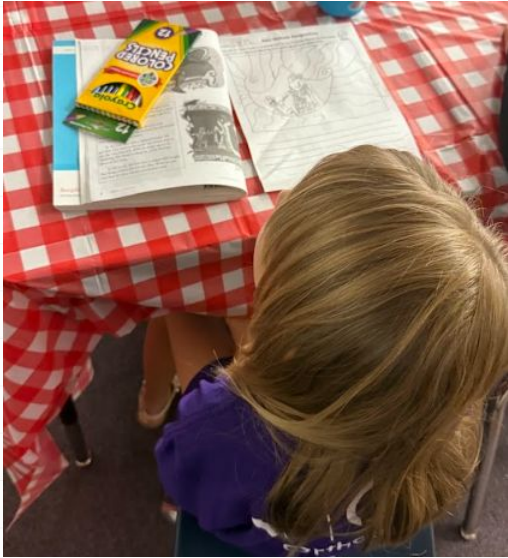


Four Key Questions Focus
Us on Learning-

- 1 What is it we expect our students to learn?
- 2 How will we know when they have learned it?
- 3 How will we provide time and support when they don't learn it?
- 4 How will we extend learning when they already know it or learn it quickly?



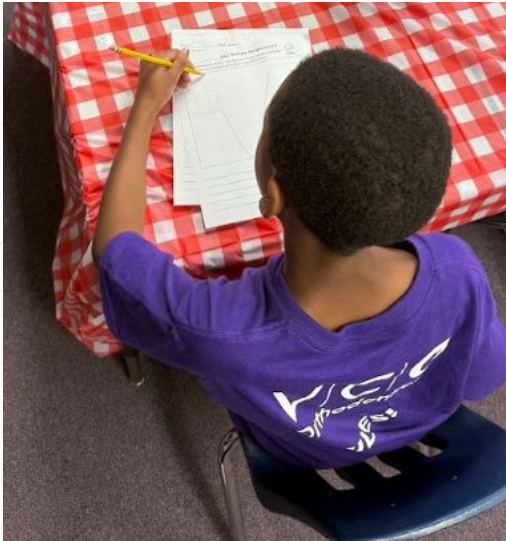
COLLABORATIVE TEACHING



Collaborative Teaching may involve:

- Whole group team modeling for and/or teaching with classroom teacher
- Supporting small groups in classroom, coordinated and co-planned with classroom teacher
- Flexible grouping, which may be determined by
 - Needs of students and/or the classroom teacher
 - Difficulty of unit/topic

PROFESSIONAL LEARNING & COACHING



Modeling
Coaching
CLT Meetings and Planning
1:1 Coaching Opportunities
Building Capacity
Professional Development
Opportunities

Critical & Creative Thinking Framework



Arlington Public Schools

K-12 Critical and Creative Thinking Models & Strategies

Critical Thinking Teaching Models

- Concept Development Model (Change, Patterns, Systems, Perspective, Cause/Effect)
- Future Problem Solving
- Jacob's Ladder
- Paul's Reasoning Model
- Problem-Based Learning
- Project-Based Learning
- Research Model
- Socratic Seminar
- William and Mary Teaching Models (Vocabulary & Literature Web, Persuasive Writing, Analyzing a Historical Situation)

Creative Thinking Models

- Creative Problem Solving (CPS)
- SCAMPER

Categories of Thinking Strategies

Decisions and Outcomes

- Habits of Mind
- PMI
- Visualization

Making Connections

- Analogies
- Encapsulation
- FFOE (Fluency, Flexibility, Originality, Elaboration)
- Mind-Mapping
- Syntectics

Point of View (Different Perspectives)

- Debates
- deBono's Hats
- RAFT
- Socratic Seminar/Junior Great Books
- Structured Academic Controversy

Questioning

- Question Formulation Technique (QFT)
- Levels of Questioning
- Revised Bloom's Taxonomy

RESOURCES FOR RIGOR

Math

Hands-On Equations

Project M² and Project M³

Project A³: Awesome, Advanced Activities

William and Mary Math Units

Social Studies

William and Mary Social Studies Units

The DBQ Project

Primary Source Documents (Library of Congress)

English Language Arts

William and Mary Literature Units

Jacob's Ladder Resources

Caesar's English Resources

Schoolwide Enrichment

Model-Reading (SEM-R) Framework

Vanderbilt Interdisciplinary Units

Science

William and Mary Problem-Based Science Units

Project Clarion Science Units

Vanderbilt Interdisciplinary Units

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CLASSROOM SUPPORT GRADES K-5



- Collaboratively plan and model Critical and Creative Thinking (CCT) strategies and Resources for Rigor with teachers
- Build capacity for teachers to replicate similar strategies and resources in the future
- Working with teachers to find and nurture historically underrepresented populations within gifted education (Young Scholars)

COMMUNICATION

- Differentiation Record Form report to parents for identified students in grades K-5 (twice this year)
- Family information sessions (at least two: Fall and Spring) & Conferences

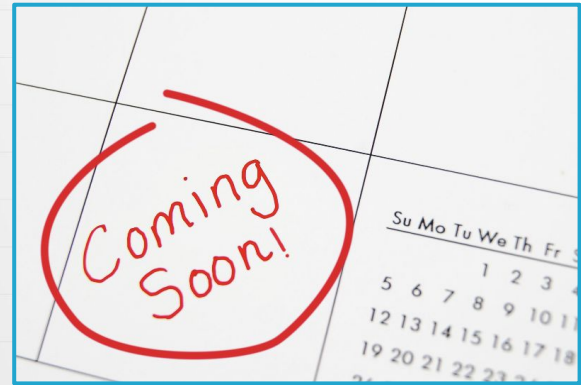
- Ongoing collaboration between AAC-classroom-home
- ASFS AATD Webpage



Screening and Identification Information Session



I will hold a session about the screening and identification process for gifted identification in January/February.



Screening and Identification Information Session



- APS screens entire school population by...
 - Universal Screeners
 - Academic Performance
 - Student Conferences
 - Growth Portfolios
 - Products / Process
- Referrals can be made by teachers, parents, community leaders, and students by **APRIL 1st.**

Screening and Identification Information Session

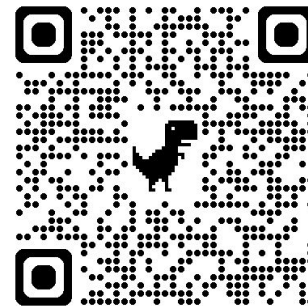


- **Fall:** classroom assessments, universal screeners/ability testing for 1st and 2nd, and anyone who is new to APS
- **Ongoing through April:** collection of student data and work samples
- **May/June:** Identification Meetings and decisions to families

Advanced Academics & Talent Development at Science Focus



Use this code to access
the ASFS Advanced
Academics website!



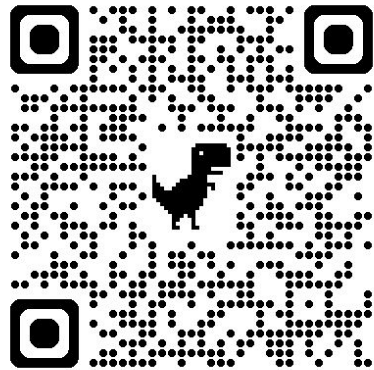
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ASFS Advanced
Academics website to
access more information
and video.

<https://asfs.apsva.us/advanced-academics/>



To hear specific
information about:

- Info from the National Association for Gifted Children (NAGC)
- APS Local Plan for the Gifted
- More about the AAC role in the school

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Getting Connected: APS Advanced Academics



- APS Gifted Services Website
www.apsva.us/giftedservices



- @aps_advanced_academics



Contact Information

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Coach
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- Phone: 703-228-7670

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Advanced Academics and
Talent Development
Office

Email:
cheryl.mccullough@apsva.us
Phone: 703-228-6159



Parent Advisory Committee for Advanced Academics



Arlington Public School's
Parent Advocacy Group
Part of Advisory Council on
Teaching and Learning

Meets Monthly from
7:00-8:30

If you are interested in
serving on this committee
and/or attending a meeting,
please contact the chairs-
John Schaus & Mary
Wierzbicki

PARENT RESOURCES

- Virginia Association
for the Gifted (VAG)
<http://www.vagifted.org>



- National Association
for the Gifted (NAGC)
<http://nagc.org>



- Supporting Emotional
Needs of the Gifted
(SENG)
<http://sengifted.org>



WHAT
QUESTIONS
MIGHT
YOU HAVE?

