

Kenmore Course Information Night

A Presentation for Rising 8th Grade Families



Ms. Neal, 8th Grade Counselor

Mr. Israel Salas, EL Counselor



Agenda

8th Grade Course Selection

- Core Academic Classes
- Grade Level and Intensified Courses
- Physical Education Options
- Electives
- Course Requests

Academic Planning

- Middle & High School

Questions

$y = g(x)$
 Secant Lines
 Tangent Line
 $x+h$
 $f'(x) = \lim_{h \rightarrow 0} \frac{f(x+h) - f(x)}{h}$
 $f(x) = \lim_{h \rightarrow 0} \frac{(x+h)^2 - x^2}{h}$
 $= \lim_{h \rightarrow 0} \frac{x^2 + 2xh + h^2 - x^2}{h}$
 $= \lim_{h \rightarrow 0} \frac{2xh + h^2}{h}$
 $= \lim_{h \rightarrow 0} h(2x + h)$

Core Academic Classes

- Math
 - World Geography
 - English 8**
 - Physical Science**
-
- **Intensified option available

8th Grade Reading Information

Reading is not a core course beyond 6th grade, but it is available for students who require more time and focused instruction to improve their reading performance and develop their literacy practices.

In selecting students for Structured Literacy, teachers consider a student's data profile, including:

- SOL scores
- NWEA scores
- DIBELS
- Reading Inventories
- District and Course Assessments

Structured Literacy

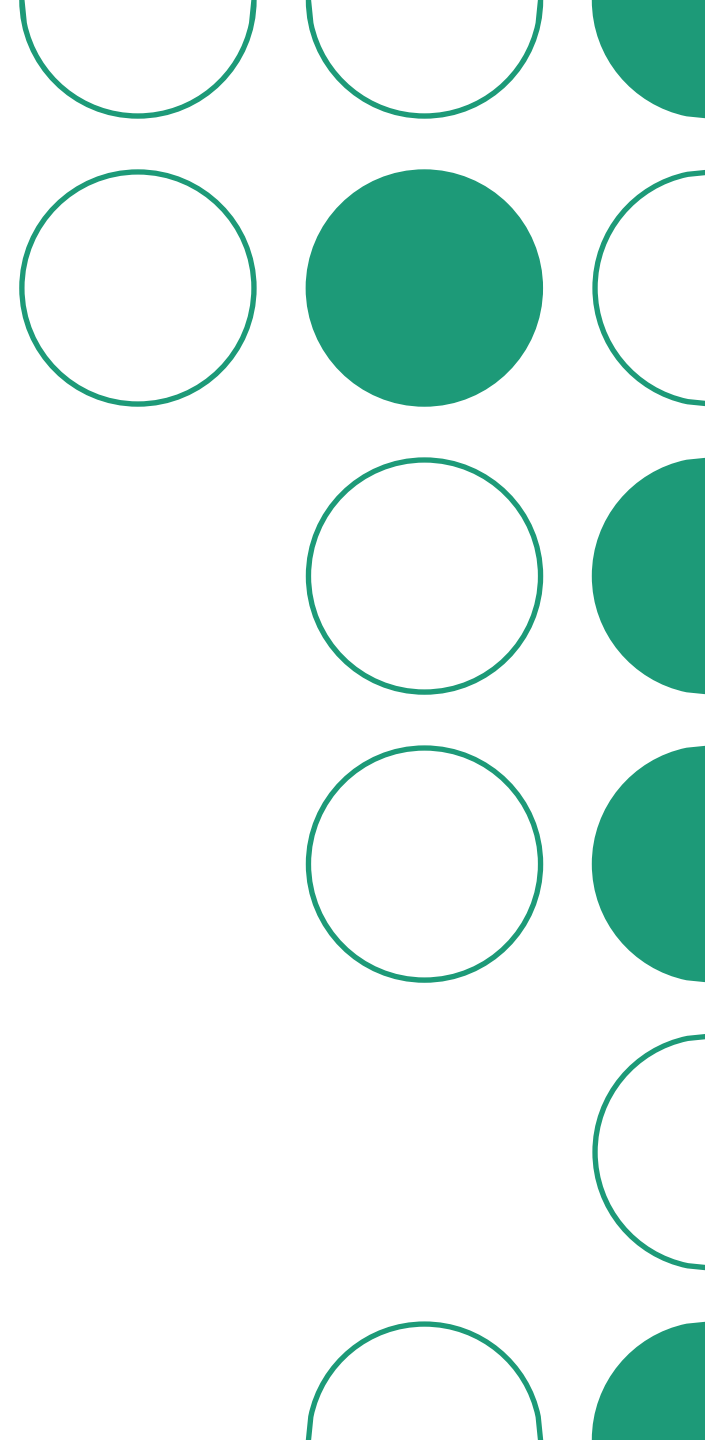
- Targeted, small group instruction
- Focused on foundational reading skills
- Students who are in need of support



What are Intensified Courses?

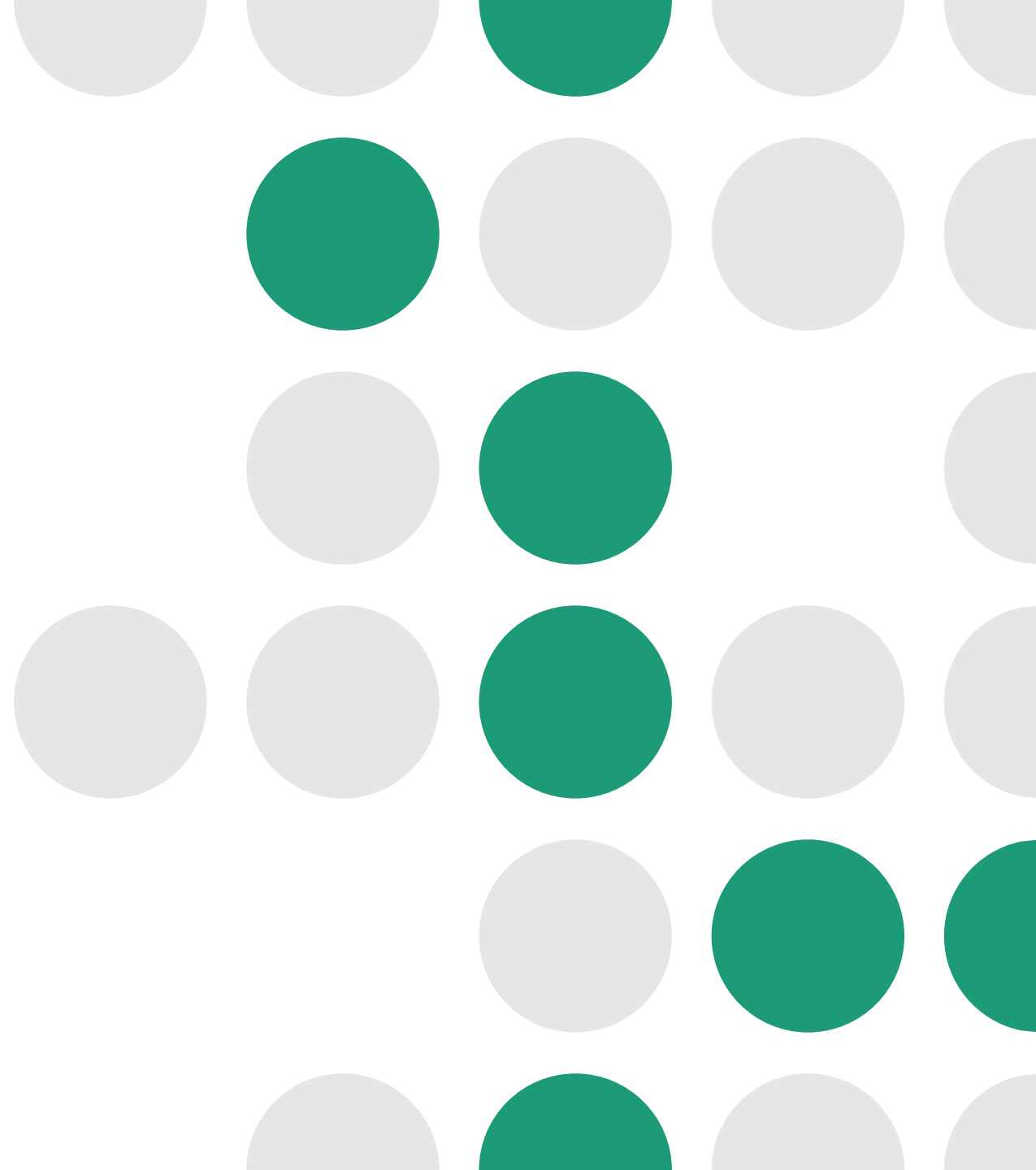
- Offer a chance to go deeper into content/standards
 - Will not require prerequisite classes
 - Open to all learners
 - Incorporate resources and strategies that add depth and complexity within the existing curriculum
-

Intensified Course Options for 8th Graders



English 8, Intensified

- **Students will apply a complex lens of critical thinking, examination, and interpretation** to a variety of texts and genres to include fiction, non-fiction, short stories, novels and excerpts, arguments, and media. Students will also be tasked with reflecting on their thinking and learning to foster an examination of self, community and society by using the writing process to develop and craft expository, narrative and persuasive writing pieces.
-





Intensified Classes:
Q&A with Mr. Gunn



No prerequisites. The Intensified option is available to all students.

The primary curriculum is presented at an accelerated pace so that there is an opportunity and time for students to explore projects as well as ambitious reading or writing goals.

This is a great option for students who love to read, love to discuss what they read, love to write creatively and/or write about what they've read.



Grade 8 Physical Science, Intensified

- Students will demonstrate a more **advanced understanding and application of scientific and engineering practices** by asking questions and defining problems, planning, and carrying out investigations, **interpreting, analyzing, and evaluating data**, constructing, and critiquing conclusions and explanations, developing, and using models, and obtaining, evaluating, and communicating information. In addition, students will complete an independent experimental or engineering design project.



World Geography (HS Credit Course)

- The focus of this course is the study of the world's peoples, places, and environments, with an emphasis on world regions. The knowledge, skills, and perspectives of the course are centered on the world's population and cultural characteristics, landforms and climates, economic development, and migration and settlement patterns. Spatial concepts of geography will be used as a framework for studying interactions between humans and their environments. Using geographic resources, students will employ inquiry, research, and technology skills to ask and answer geographic questions. Particular emphasis is placed on students' understanding and applying geographic concepts and skills to their daily lives.
-

Students may take a maximum of two intensified courses.

Choosing to take a regular or intensified option for the upcoming school year does not determine course placement for future school years.

Math placements will be shared with students and families in Spring 2025. Please note that these decisions are made centrally and will consider various data points.

Additional Information

Math Options for 8th Grade Students

Grade 6

Math 6

Pre-Algebra for
6th Graders

Grade 7

Math 7

Pre-Algebra for
7th Graders

Algebra I,
Intensified

Grade 8

Pre-Algebra for
8th Graders

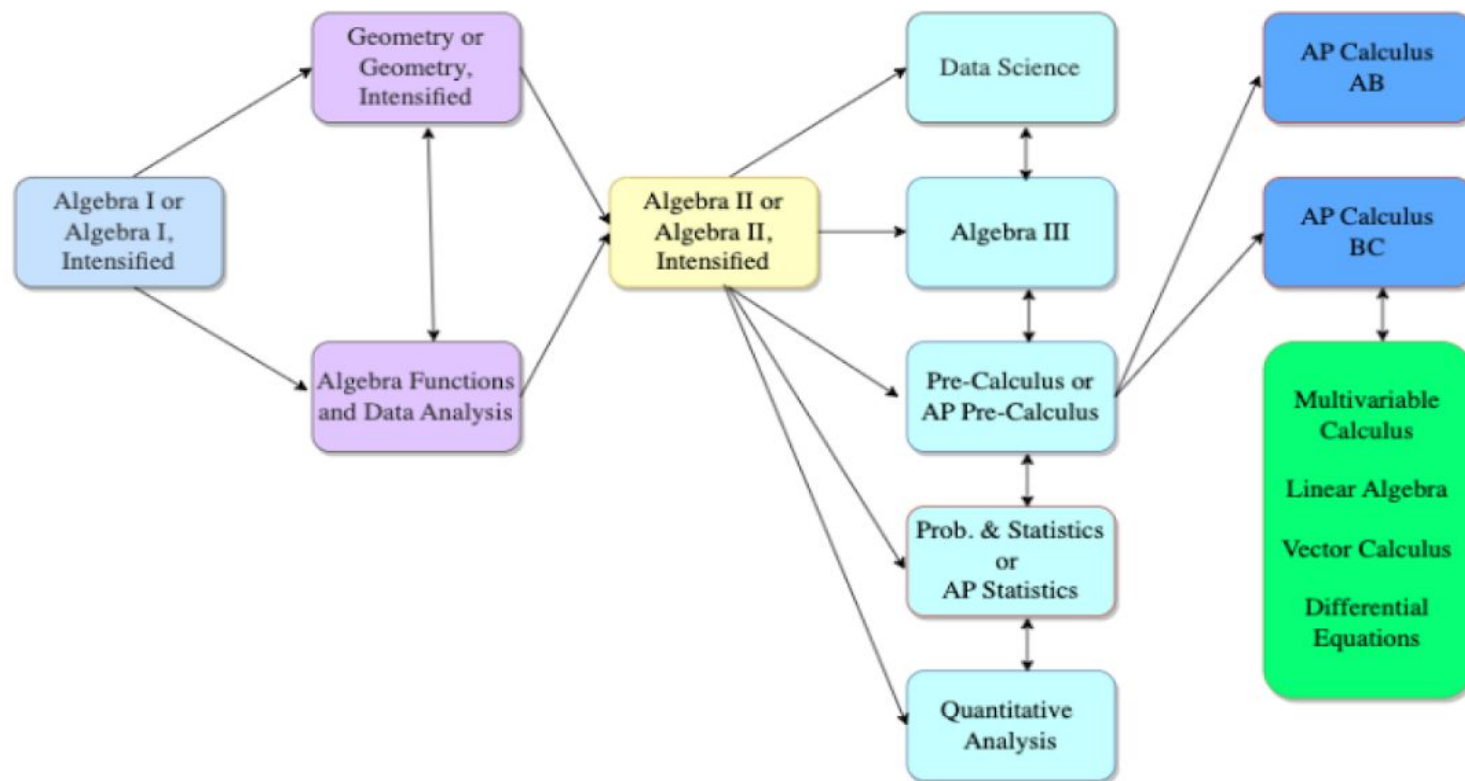
Algebra I

Algebra I,
Intensified

Geometry,
Intensified

Middle School Math Progression

Arlington Public Schools High School Mathematics Progression, SY 2024 - 2025



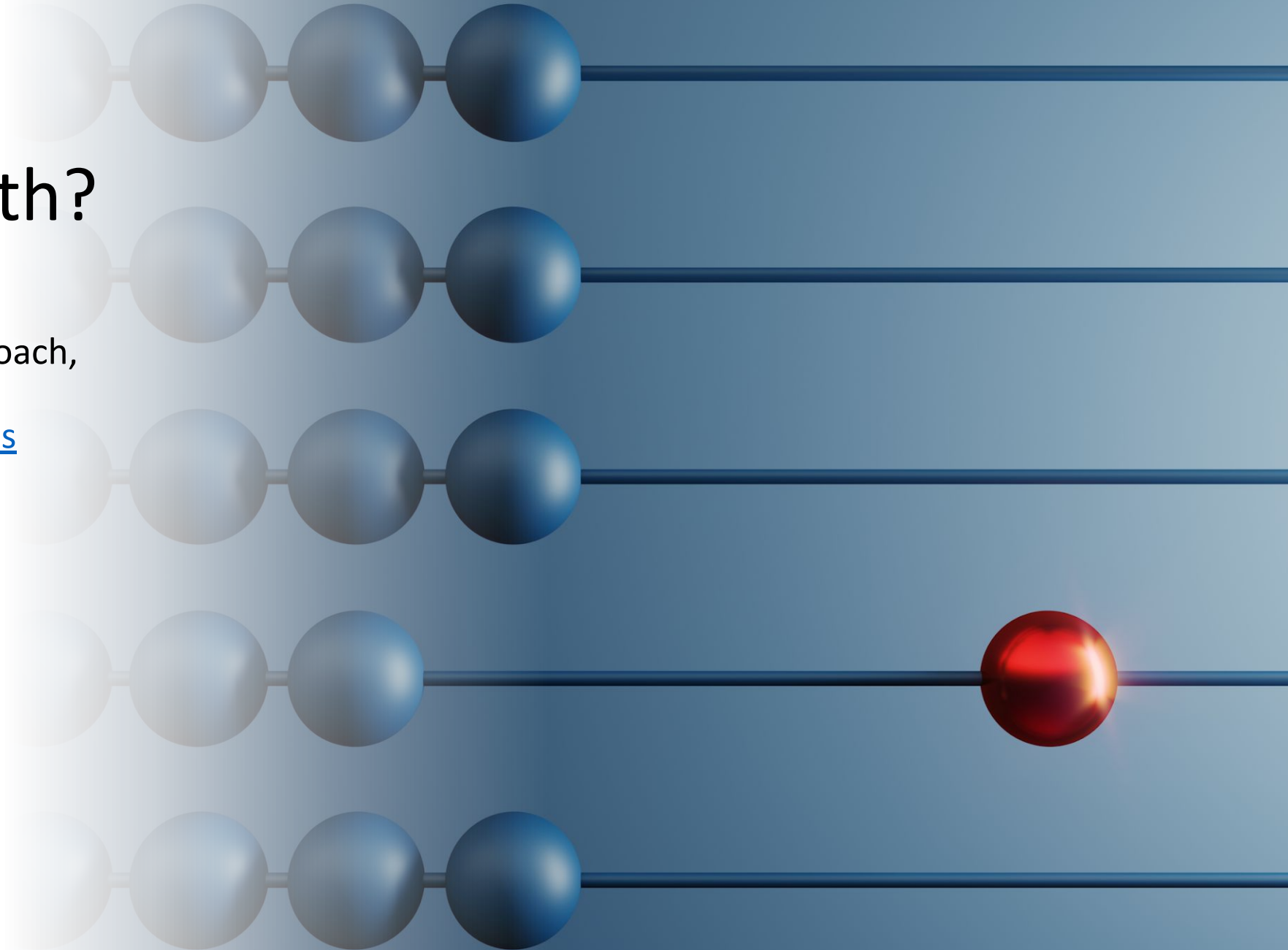
Considerations:

- For specific IB and Dual Enrollment courses not mentioned on this diagram, please see the index of courses offered at individual high schools.
- Students needing additional support may be concurrently enrolled in Algebra I, Geometry, or Algebra II along with an associated Strategies course.

High School Math Progression

Questions Regarding Math?

- Contact Kenmore Math Coach,
Dona Bredwood, at
dona.bredwood@apsva.us



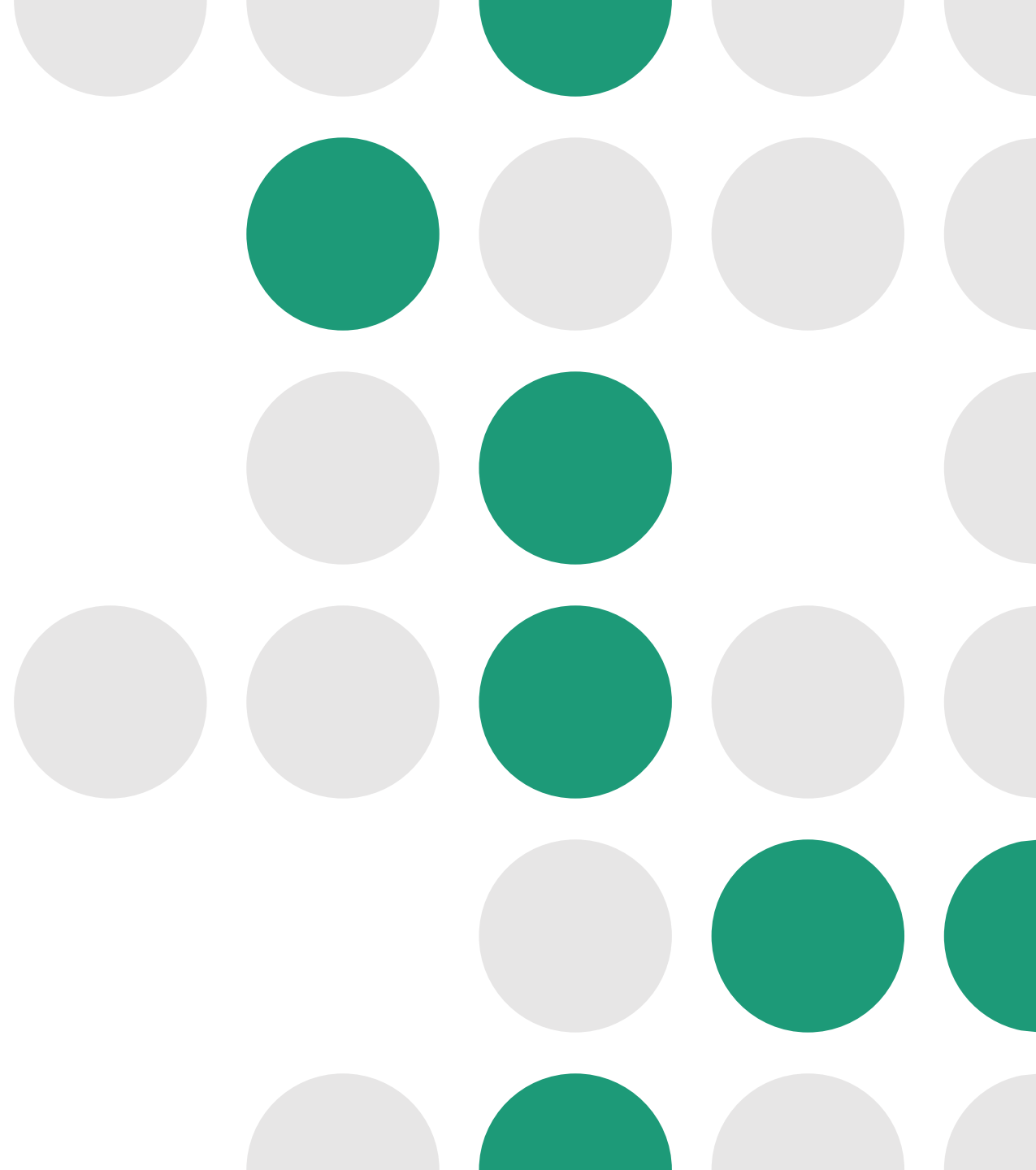
Physical Education and Health

- Regular and Dance PE
 - Health – one quarter
 - PE/Dance – three quarters



Elective Options for 8th Grade Students

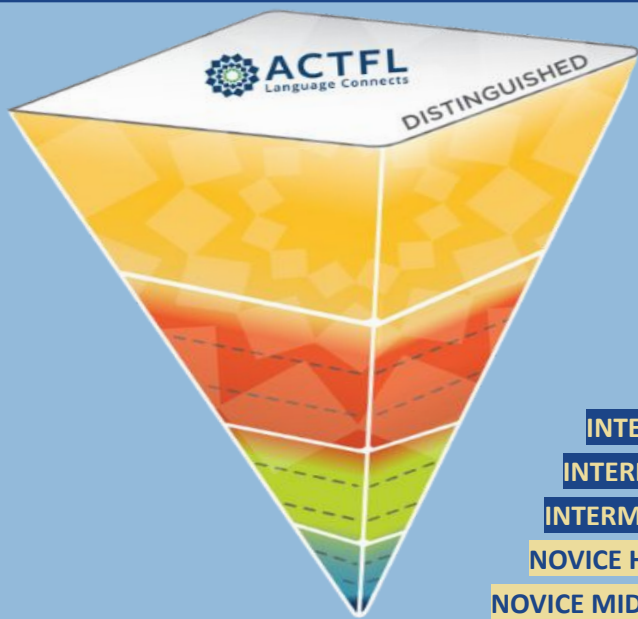
- Students will have TWO elective periods
 - TWO full year electives
 - FOUR semester electives
 - ONE full year and TWO semester electives
-



World Language Electives offered at Kenmore

- Spanish 1, 2
- Spanish for Fluent Speakers 1, 2
- French 1, 2
- Chinese 1, 2
- Arabic 1, 2
- Latin 1, 2





DISTINGUISHED

INTERMED. HIGH - LEVEL 5

INTERMED. MID - LEVEL 4

INTERMED. LOW - LEVEL 3

NOVICE HIGH - LEVEL 2*

NOVICE MID - LEVEL 1

NOVICE LOW

***ACHIEVABLE IN MIDDLE SCHOOL**

WORLD LANGUAGE EXPECTATIONS & SUPPORTS

- Students should take a language in middle school with the **intent of reaching the highest level/most rigorous coursework** offered in high school
(Dual Enrollment, Advanced Placement, International Baccalaureate)
- Students have an opportunity to test for and earn eligibility for the **Seal of Biliteracy** embedded in their upper-level coursework
- Aside from Virginia Advanced Studies Diploma requirements, universities are looking to see **four years of language learning in high school**
(Building on work done in middle school; committing to the 2nd language if switching after two years)

BENEFITS OF LEARNING ANOTHER LANGUAGE

- Enhanced problem-solving & self-confidence
- Improved verbal and spatial abilities
- Improved memory function
- Increased standardized test scores
- Increased flexible and creative thinking
- Expanded vocabulary in native language
- Expanded perspective of associated culture

WORLD LANGUAGE ELECTIVE OPTIONS

Languages Offered:

American Sign Language (ASL)

Arabic

Chinese

French

Latin

Spanish

Spanish for Fluent Speakers (SFS)

Advanced Studies Diploma

Minimum World Language requirements for students to be eligible to earn an *Advanced Studies Diploma* upon graduation:

- Three years of one language
 - *Arabic 1, 2, & 3*
- Two years of two languages
 - *Spanish 1 & 2 and ASL 1 & 2*

OR



* All full-year language courses are high school credit-bearing courses.

SAMPLE WORLD LANGUAGE PROGRESSION

(Intro, Wheel, & Exploratory courses may be offered in 6th Grade)

	7th Grade	8th Grade	9th Grade	10th Grade	11th Grade	12th Grade
Start in 7th	Level 1	Level 2	Level 3	Level 4	Level 5/DE/IB 1	AP/IB 2
Start in 8th	-	Level 1	Level 2	Level 3	Level 4	Level 5/DE
Start in 9th	-	-	Level 1	Level 2	Level 3	Level 4

Music Electives



Band



Chorus



Orchestra

Technology Electives

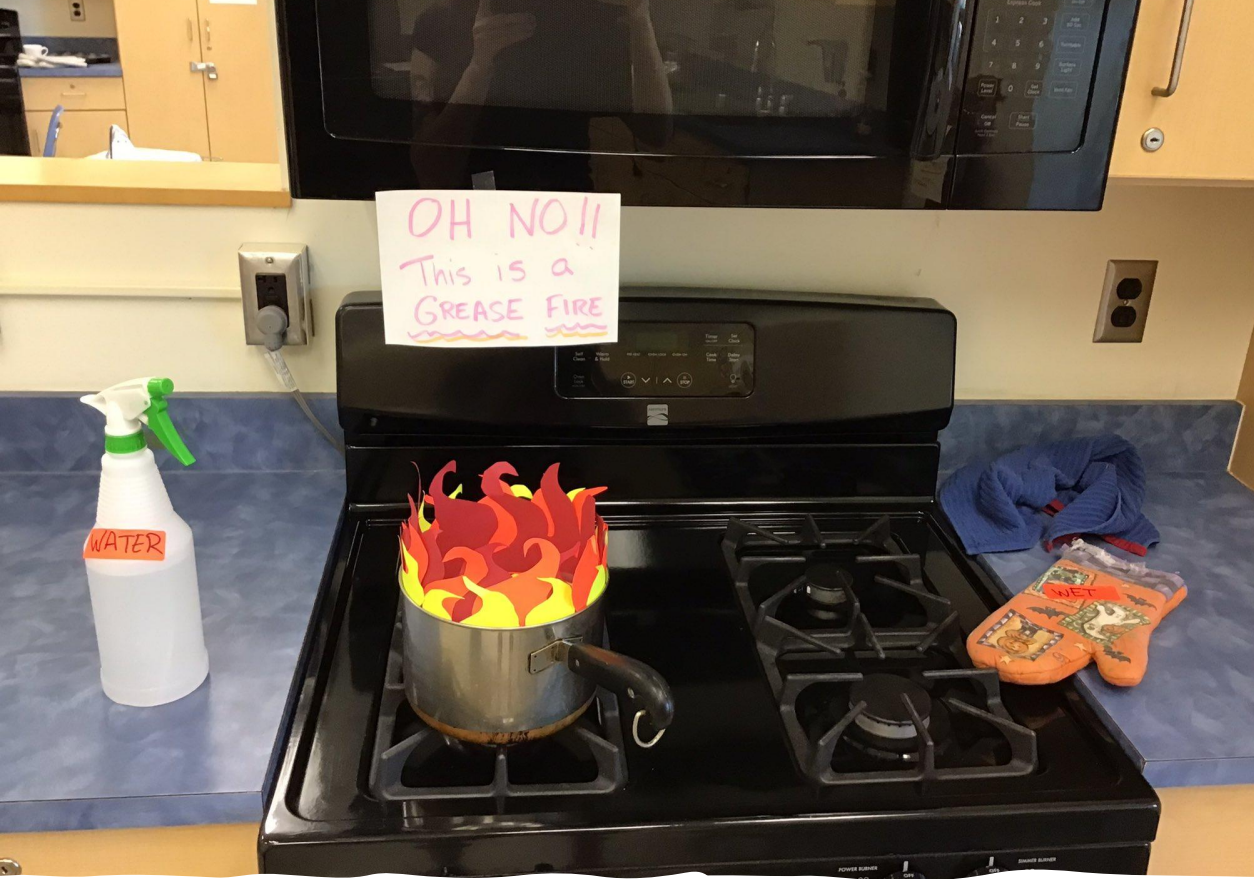
- **Tech Systems** (1 Semester)
- **Multimedia Tech** (1 Semester)
- **Robotics** (Full year, HS Credit)



Visual & Theater Art Electives

- Full Year
 - Theater
 - Semester
 - Visual Arts 1
 - Visual Arts 2
 - Visual Arts 3
 - Theater
-





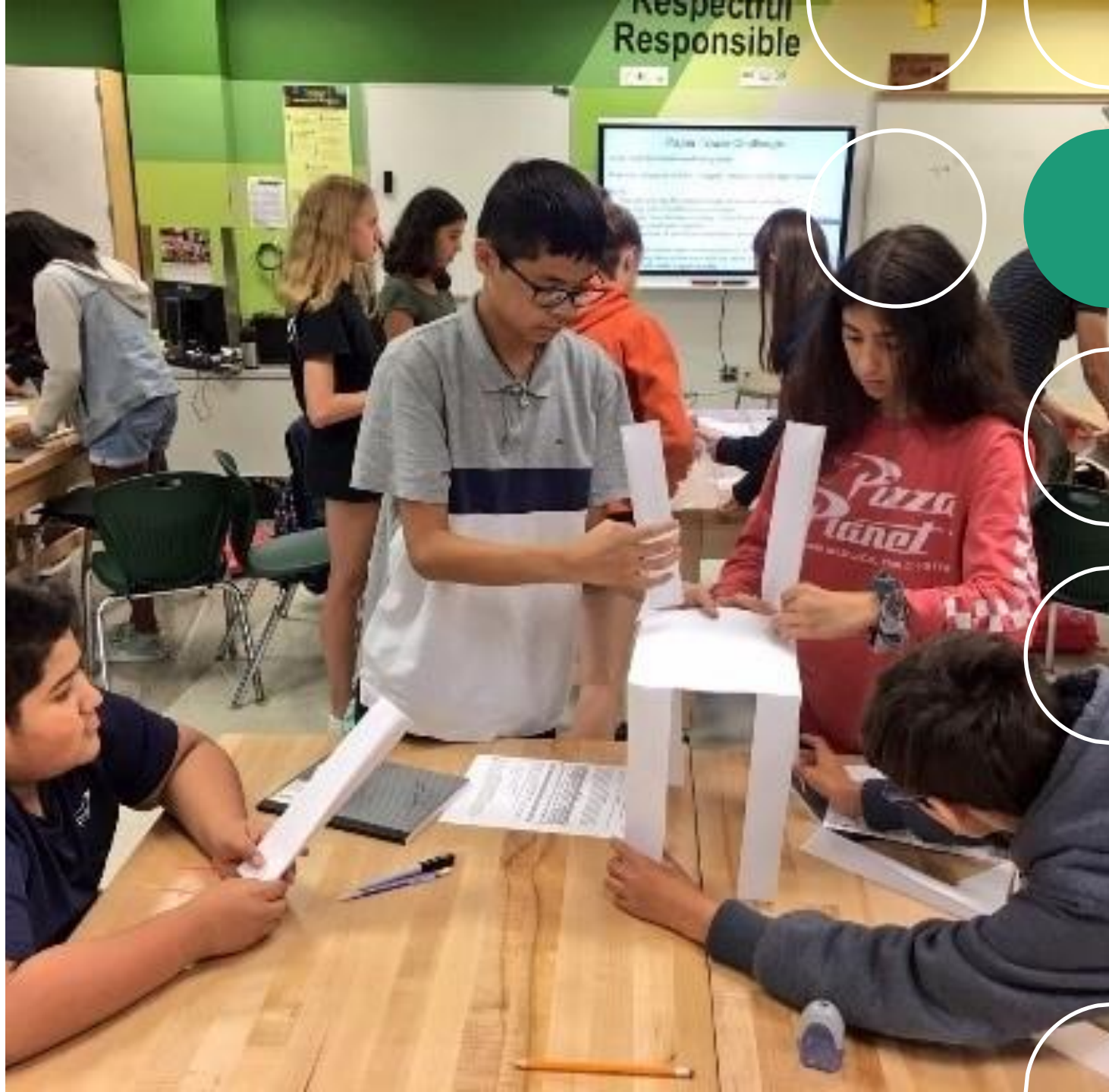
Family and Consumer Science (FACS) Elective

- Life Management
- Semester

ACT II

Tuesday & Thursday
2:45 – 4:15 p.m.

- Visual Arts
 - Theater Arts
 - Teen Living (Spring)
 - Jazz Band (Spring)
 - STEAM Foundations (Spring)
 - Yearbook (Thursdays)
 - Literary Magazine (Tuesdays)
 - Inventions & Innovations
 - Digital Input Technologies (Spring)
 - Beginning Piano
-



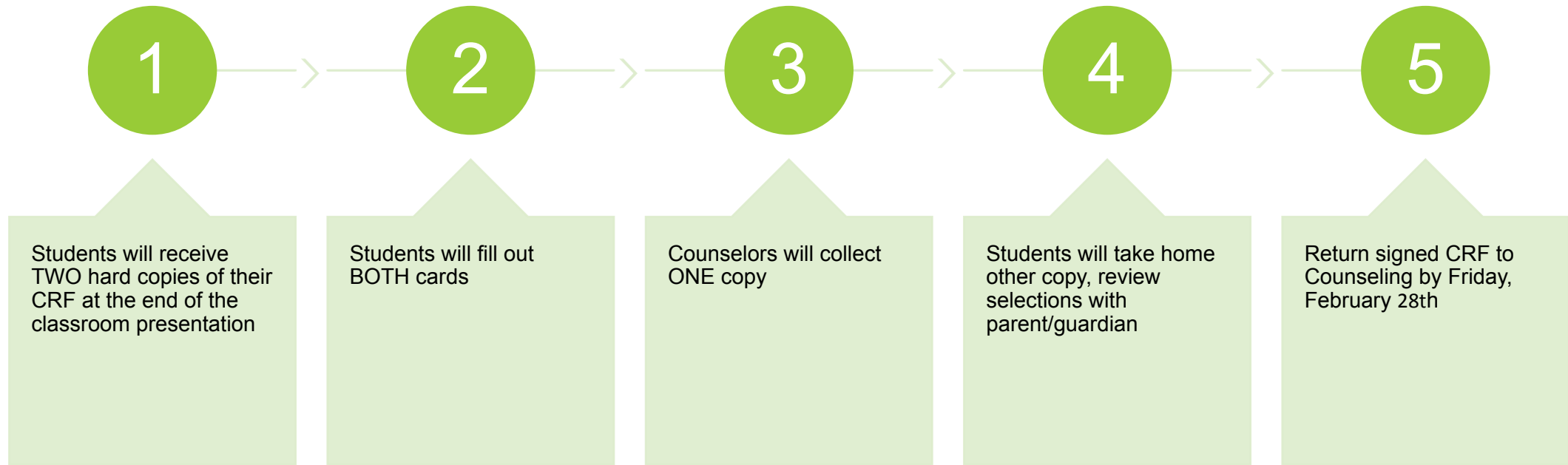
Course Selection Classroom Presentations



The deadline to submit CRFs
to the Counseling Department
by February 28th



Ms. Neal will present in
English classes starting
1/23/24



Course Request Process



Academic Planning for High School

High School Credit Classes Offered in Middle School

Math

- Algebra 1, Algebra 1, Intensified, Geometry, Intensified

World Languages

- Spanish 1 & 2, Arabic 1 & 2, Latin 1 & 2, French 1 & 2, Chinese 1 & 2, Spanish for Fluent Speakers 1 & 2

Social Studies

- World Geography (8th Grade)

Electives

- Computer Programming (7th)
- Robotics (8th)

Virginia Diploma Types/Graduation Requirements

Advanced Studies Diploma

- 26 Total Course Credits
- 4 English
- 4 Math
- 4 Science
- 4 History & Social Sciences
- 2 Health/PE
- 1 Economics and Personal Finance
- 3 World Languages (or 2 of 2 languages)
- 1 Fine Art (FA) or Career and Technology Education(CTE)
- 3 Electives (including two sequential)

Standard Diploma

- 22 Total Course Credits
- 4 English
- 3 Math
- 3 Science
- 3 History & Social Sciences
- 2 Health/PE
- 1 Economics and Personal Finance
- 2 World Languages (WL), Fine Arts (FA), or Career and Technology Education (CTE)
(1 must be FA or CTE, AND 1 must be WL, FA, or CTE)
- 4 Electives (including two sequential)

Verified Credits (SOLs): 5 Total

2 English (1 Reading and 1 Writing)

1 Math

1 Science

1 History/Social Science

Additional Requirements

- First Aid, Cardiopulmonary resuscitation (CPR), and automated external defibrillators (AED) Training (APS students complete this through PE/Health 9 curriculum)
- 1 Virtual course (APS students complete this through Economics and Personal Finance or AP/IB Economics)
- 1 Intensified (HN)/AP/IB/DE course OR 1 CTE credential OR [HQWBL experience](#)

Academic Planning for High School – Special Programs

Washington - Liberty

- International Baccalaureate Program (IB)

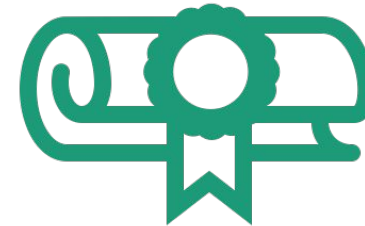
Arlington Tech

Thomas Jefferson
High School for
Science and
Technology


Washington-Liberty International Baccalaureate (IB) Program



Students can apply in 8th Grade



Applicants must submit middle school transcript
and will see Final Grades for 6th, 7th, and first
quarter 8th grade



Application Process for W-L IB Program

Application Process – rising 9th & 10th grade students

- If Washington-Liberty is your neighborhood school, you do not need to submit a W-L Pre-IB application. **All 9th and 10th graders at Washington-Liberty are considered W-L Pre-IB students.**
- Students outside the W-L neighborhood boundary zone interested in participating in the W-L Pre-IB Program must electronically submit a school options application components. The deadline is generally mid-January

W-L'S PRE-IB TRANSFER ADMISSIONS — REQUIRED BY IB

- Strong grades (A's and B's) in all subjects
- World Language
 - Arabic, Chinese/Mandarin, French, Latin, or Spanish
 - Grade 8 - Level 2 preferably; Level 1 will be eligible though your student will need to accelerate language to level 4 by 10th grade
- Mathematics
 - Grade 8 - Algebra I or greater
- Complete short answer question



WORLD LANGUAGES IB ELIGIBILITY UPDATES

Lottery Applicants for IB Class of 2029 (current 8th graders):

- Students will be eligible to apply for the IB Lottery if they are currently enrolled in level 1 of their world language course
 - **Formerly**, *students needed to be enrolled in level 2*

***Caveat:**

- To take an IB world language course starting in 11th grade, students **must** have completed level 4 coursework **by the end of the 10th grade.**

Implications:

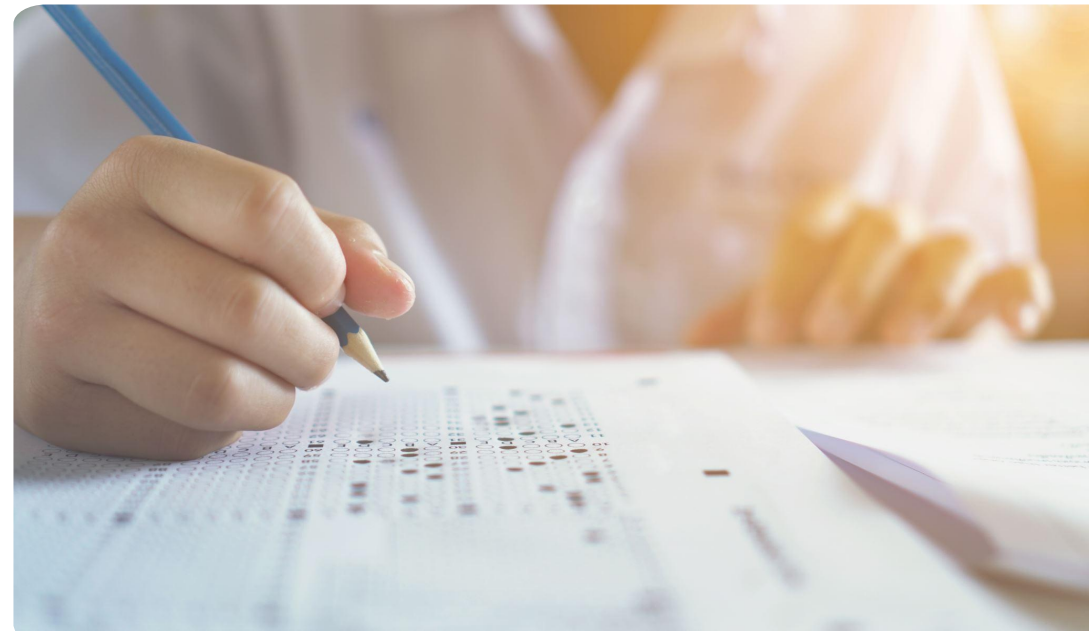
- Additional coursework will need to be taken to complete 4 years in 3 years time
- Due to condensed exposure to the language, students will likely be enrolled in SL language courses; HL if determined by placement test.



W-L'S Pre-IB Curriculum

Grade 9 Schedule

- **Intensified** English 9
- World Language – at level 2/3 or higher: Arabic, Chinese/Mandarin, French, Latin, or Spanish
- **Intensified** World History or **AP** World History
- **Intensified** Biology
- **Intensified** Geometry or higher
- PE/Health I
- Elective



Arlington Tech

Arlington Tech is a STEM high school program in Arlington Public Schools. The mission is to combine STEM and CTE opportunities to merge rigorous academic classes with the practical application of content. Our classes focus on **project-based learning** (PBL) and include **dual enrollment (DE)** classes for students ready to take college classes while in APS.

Students apply to attend Arlington Tech as their full-time high school program.

1. Be eligible to be an APS student
2. Have passed the **7th grade Math SOL**



Arlington
Tech
Information
Night
Presentations


Arlington Tech Information Night 2024

English

<https://vimeo.com/1030555437?share=copy#t=0>

Spanish

<https://vimeo.com/1030557193?share=copy#t=0>



Subject	Grade 9
Math	Algebra I/Geometry Geometry Geometry Intensified Algebra II Algebra III
English	English 9 English 9 Intensified
Science	Biology Biology Intensified
Social Studies	World History World History Int.
CTE	Engineering I Foundations CTE
Health/PE	Health/PE I
World Language**	Level I Level II Level III

Grade 9 Schedule

- Every 9th grader takes **Engineering 1**, which takes the place of an elective.
- Students enrolled in Pre-Algebra as 8th graders will be scheduled in a blocked Alg 1 and Geometry. This meets every day and accelerates the curriculum.
 - Semester 1 - Algebra 1
 - Semester 2 - Geometry



Thomas Jefferson High School for Science and Technology

- Students can apply in 8th Grade

Eligibility Requirements as an 8th grade student:

- Algebra I Intensified (completed or enrolled)
- Intensified Science
- Intensified English or World Geography
- 3.5 or higher GPA in core classes (Math, Science, Social Studies, ELA, and World Languages)

Thank you for attending.

Please email me with any questions.

Roshell.Neal@apsva.us

