

Virginia Virtual Academy

A program of Carroll County, King and Queen, and Buena Vista City Public Schools



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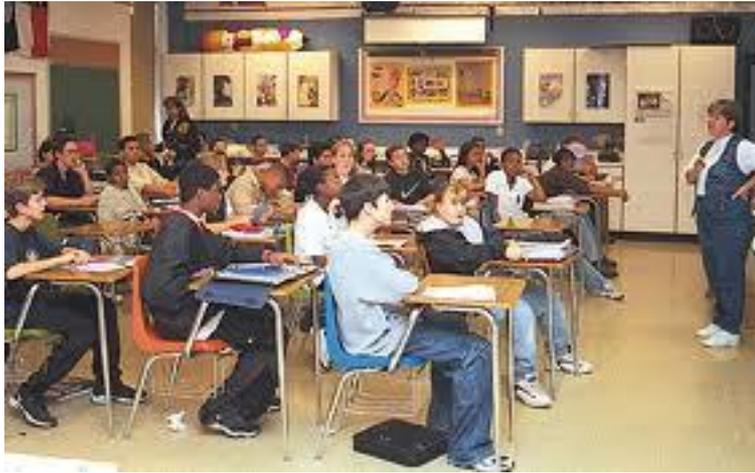
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Traditional School





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A Team of Support to Surround the VAVA Student

Learning Coach



Carroll County
CCPS
Public Schools

Virginia Certified Teacher



Student





Virginia Virtual Academy Timeline

- **2008-09** Carroll County implements a district-only online program option
- **Mid September 2009** Carroll County implements a state-wide online program option – VAVA is born (81 students K-8)
- **Winter 2010** Governor McDonnell approves virtual school bill
- **SY 2010-2011** Carroll County expands state-wide enrollment – VAVA grows (400 students K-9)
- **August 2011** Buena Vista City Public School adds state-wide enrollment VAVA program (170 students)
- **January 2012** King and Queen County Public Schools allow state wide enrollment of 32 students



Who Chooses Virtual Schooling?

- Students on homebound instruction with medical needs
- Students with special education needs (autism, ADHD)
- Students with gifted education needs – want to be challenged and move at their own pace
- Military families – who move frequently
- Competitive athletes who have conflicts with the traditional school day hours
- Students who are falling further behind with grade level skills and have been unsuccessful with state testing
- Any student who is dissatisfied with their current traditional public school (overcrowding, bullying, lack of rigor, etc.)



VAVA uses the Award Winning K¹² Curriculum

- The **largest provider** of online curriculum for public virtual schools. More than 100,000 students are using the K¹² academic program in 32 statewide online public schools and other e-learning programs internationally in 39 countries
- **K¹² Headquarters located in Herndon, VA**
- Students are enrolled in a **full day program** that includes 6 courses (Math, L/A, Science, History, and two electives, art and music)
- Curriculum alignment meets or exceeds state standards (including Virginia's most current Standards of Learning frameworks)
- **AdvancED-accredited** (formerly called CITA)
- Materials **shipped to family's home** (books, materials, manipulative objects, rocks!)



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Virtual Labs



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Delivering alternate kit-free labs for all kit-based labs in order to provide a more flexible and robust lab program.

Courses:

Physical Science, Earth Science, Biology, Chemistry, Physics

[Electric Motor](#) Virtual Lab

Alternate Lab Types:

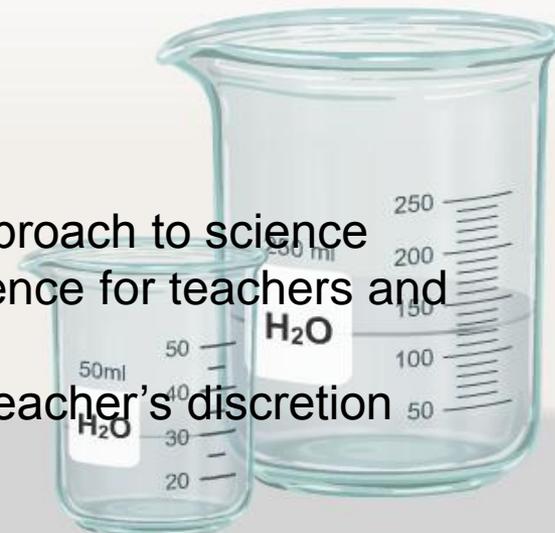
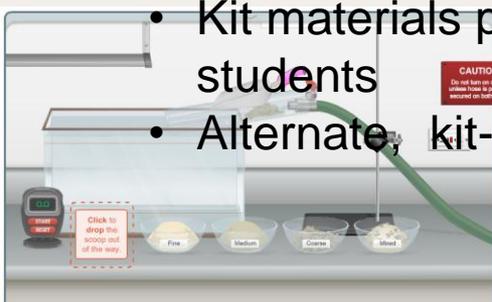
- Virtual labs
- Pencil and paper labs
- Household material labs
- Pencil and paper or household with video support

[Doppler Effect](#) Virtual Lab



Chromo.swf

- Provides a balanced “hands on” science lab
- Integrates virtual experiences into a “hands-on” approach to science
- Kit materials provide the most efficient user experience for teachers and students
- Alternate, kit-free labs are available to use at the teacher’s discretion





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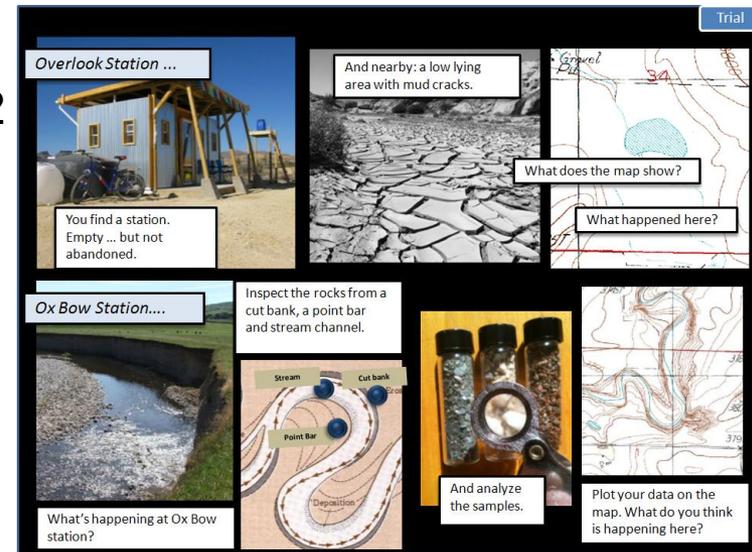
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Experiential Simulation

Immersive game play scenario with strong narrative as a mechanism to provide meaning and real world context to science activities

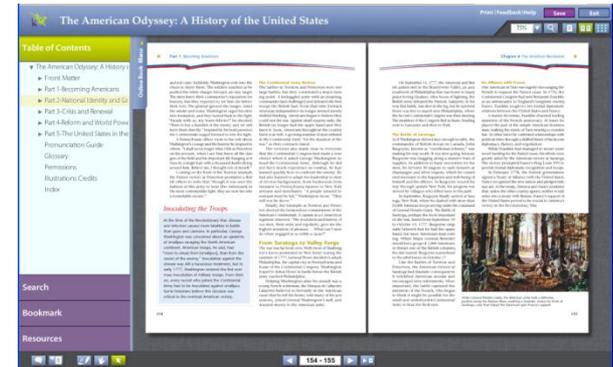
- Narrative-based experience
- Based on instructional design and ties to K12 course activities, a student becomes a character in the game and manipulates the environment to solve a scientific problem
- Provides a highly engaging experience for students
- Aligns with middle school science courses
- Includes some collaborative activities/assets (Elluminate, discussion forums, etc.)



Courses: MS Science Courses

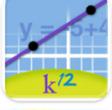


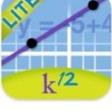
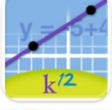
- Delivering World History and Probability and Statistics for school year
- Completed conversion of 19 proprietary high school into electronic format for SY10-11.
- Spans all subject areas: Mathematics, Science, History, and Language Arts.
- Includes K12-owned textbooks, reference guides, literature readers, and lab manuals
- Each book converted into 2 formats:
 - Electronic book format with a custom K12 User Interface to be viewed on a computer.
 - Mobile reader-optimized formats to enable viewing with an electronic reader (iPad, Kindle, Nook, etc)





Mobile Apps Available Now

App Name	Apple	Android	Web-based
 K12 Timed Reading Practice	X		*hundreds of separate assets
 K12 Timed Reading Practice Lite	X		
 Counting Bills & Coins	X		X
 Counting Coins	X		X
 K12 Algebra I Study & Review	X		
 K12 Algebra I Study & Review – lite	X		
 K12 Periodic Table	X (+ iPad)	X	





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Mobile Apps



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K12 Asset sampler

- Audience: K-8
- Experimental platform for giving phone users access to selected Flash assets using a web page



K12 Sid History & K12 Sid Science

- Audience: Grades 3-8; HS



K12 Melt It

- Audience: K-8



xGerms

- Audience: K-8



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Our Teachers...

- Are **Virginia licensed**.
- Meet **Highly-Qualified** requirements as mandated by NCLB guidelines
- Prepare Individualized Learning Plans for all students
- Our teachers serve students in a 65:1 ratio
- Are K¹² employees. They are interviewed, hired, trained and evaluated by Virtual Academy staff and the school division is not responsible for the VRS contribution.



The Role of the K-8 Teacher (cont'd)

- Certified and experienced partner in online education; regular virtual training experiences and professional development requirements
- Responsible for daily monitoring student progress and attendance
- Resource for curriculum issues, coaching tips, and questions about school policies
- Conducts phone/Class Connect conferences
- Provides feedback on student work samples
- Sends quarterly progress reports
- Leads Class Connect instructional and tutoring sessions





Special Education Services

- All services to meet student's IEP (Individualized Education Plan) goals are provided by the Virginia Virtual Academy certified special education teachers.
- We contract with local providers for speech, occupational therapy, etc. services
- Transitional meeting upon enrollment to translate current IEP to virtual setting including district special education staff, parent, child (as appropriate), teachers and administration



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The Role of the VAVA Learning Coach

- Logs attendance daily
- Checks Kmail daily and responds promptly
- Works with student towards continuous, consistent progress with all required K¹² courses
- Prepares for student's school day using Advance Prep tools
- Participates in regular teacher conference calls/Class Connect sessions and parent online training offerings
- Submits monthly work samples
- Ensures student participation in Study Island
- Ensures the student completes Scantron assessments
- Ensure student participation in state testing program
 - May 1-11 (***attendance required for students in grades 3-8***)





The Role of the VAVA Student

- Expected to **login every school day** using their own student account to complete school work in the core curricular subjects
- Attendance may be logged any day at any hour 24/7

990 hours per calendar year of instructional time required

- **Independently complete** unit and lessons assessments to ensure true mastery
- 80% mastery in four core subjects (math, reading, science, history) required for promotion by last day of school (grades K-8)
- Participates in test preparation program, Study Island, Class Connect sessions, Scantron assessments, and SOL testing (3rd-8th grade)
- Conferences regularly with teachers



Enrollment Information

VAVA @ Carroll serves:

- Students in Kindergarten through grade 8
- **State-wide** – open to all students who reside in the state of Virginia
- Out of district fee charged to families = \$500 per student not to exceed a total of \$1000
- Enrollment not to exceed **10%** of overall Carroll County school population.
- Enrollment cap was **met on 5/1/11 – registration opened on 3/15/11** – waitlist students moved to VAVA @ BV beginning 8/4



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Enrollment Information VAVA @ Buena Vista City

VAVA @ Buena Vista City serves:

- **Students in Kindergarten through grade 4**
- **State-wide** – open to all students who reside in the state of Virginia
- Enrollment not to exceed **170 students for 2011-2012 school year**



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King and Queen County



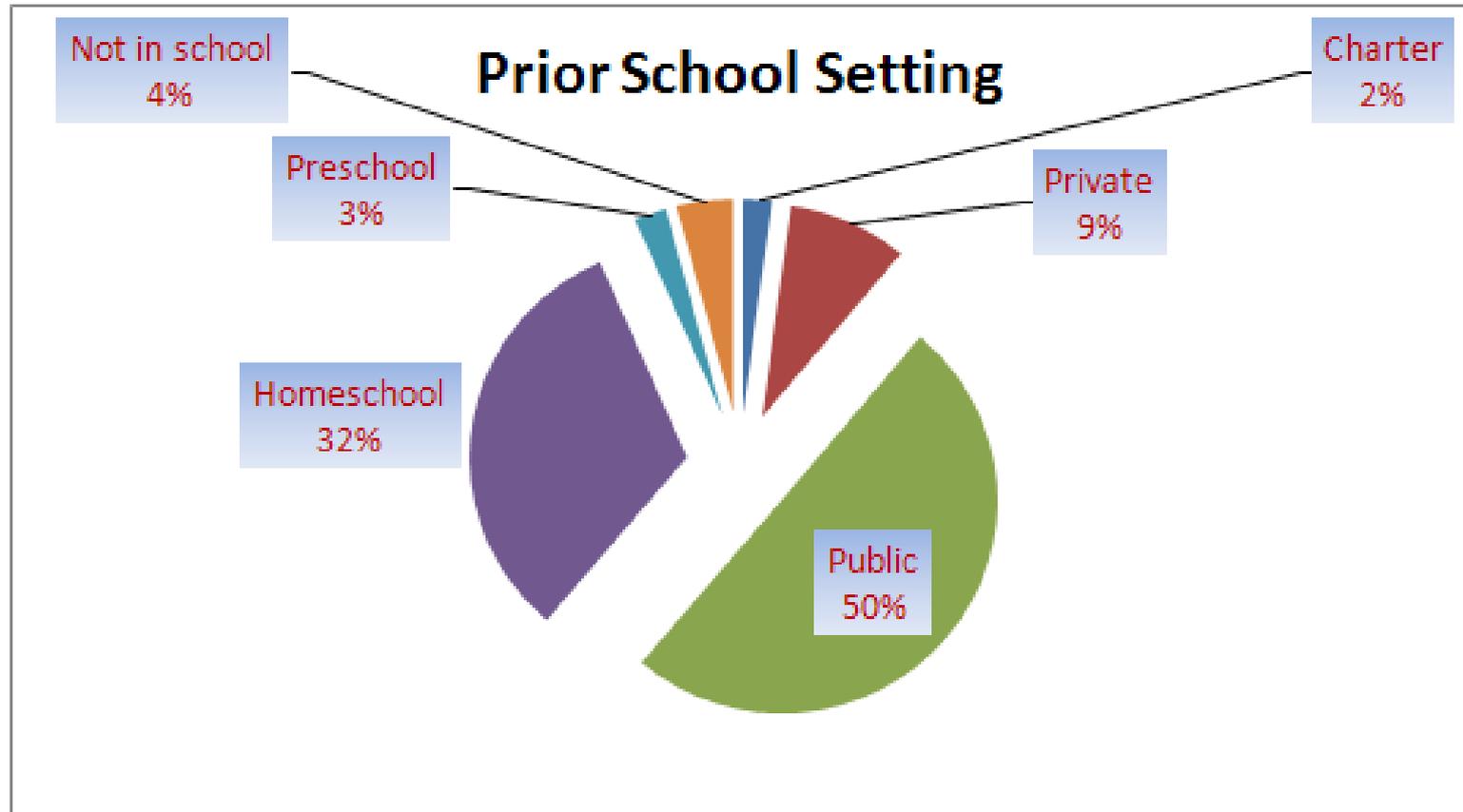
32 students

Grades 5-7

Enrolled January 2012

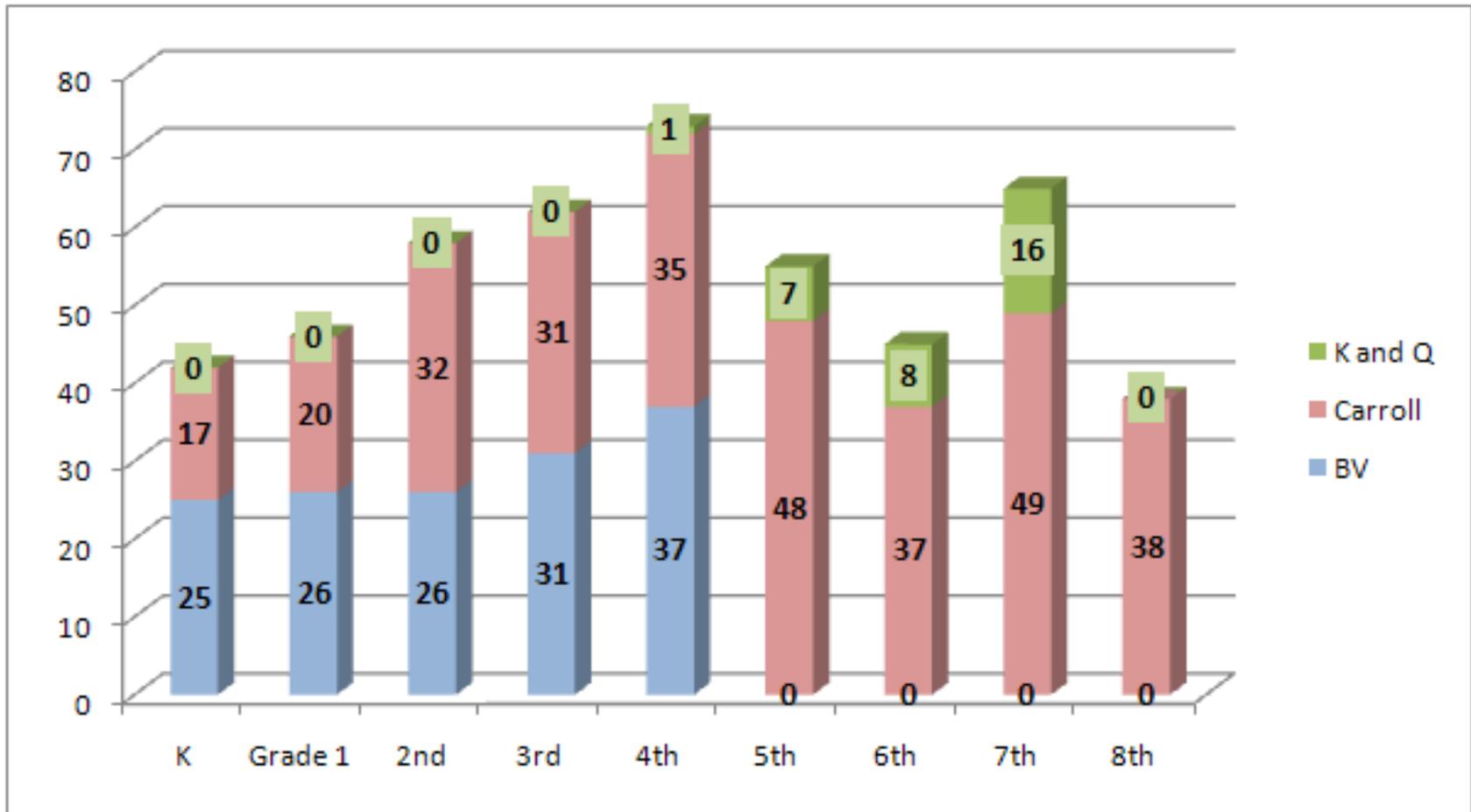
20 prior public

12 prior home school or private school





Total VAVA as of 2/6/12 = 484





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Google Earth Map VAVA students

The screenshot shows the Google Earth application window. The title bar reads "Google Earth". The menu bar includes "File", "Edit", "View", "Tools", "Add", and "Help". The address bar shows "3885 Dumfries Road". The toolbar contains various navigation and tool icons. The main map area displays a satellite view of the Eastern United States, with numerous red location pins scattered across Virginia, West Virginia, Maryland, Delaware, and the District of Columbia. Labels for "Columbus", "Philadelphia", "Baltimore", "Maryland", "Delaware", "District of Columbia", "West Virginia", and "Virginia" are visible on the map. The Google logo is in the bottom right corner of the map area. The status bar at the bottom shows the Windows taskbar with the "start" button and several open applications: "Inbox - Microsof...", "perfect gift givin...", "FW: A/V Equipm...", "TotalView Enroll...", "General online le...", "Virginia Virtual Ac...", "Students by Sch...", and "Google Earth". The system clock shows "11:30 AM".



Virginia School Districts of Residence – VAVA – our students represent more than 80 districts across the Commonwealth!

Accomack County Public Schools 2

Accomack County Public Schools 4

Albemarle County Public Schools 2

Alexandria City Public Schools 4

Amherst County Public Schools 4

Appomattox County Public Schools 2

Arlington County Public Schools 2

Augusta County Public Schools 2

Bedford County Public Schools 7

Bland County Public Schools 3

Botetourt County Public Schools 3

Brunswick County Public Schools 4

Buckingham County Public Schools 2

Buena Vista City Public Schools 2

Campbell County Public Schools 1

Caroline County Public Schools 5

Carroll County Public Schools 9

Charles City County Public Schools 1

Charlotte County Public Schools 10

Charlottesville City Public Schools 1

Chesapeake City Public Schools 17

Chesterfield County Public Schools 24

Clarke County Public Schools 1

Colonial Beach Public Schools 1

Craig County Public Schools 1

Culpeper County Public Schools 1

Dickenson County Public Schools 1

Dinwiddie County Public Schools 2

Fairfax County Public Schools 66

Floyd County Public Schools 3

Fluvanna County Public Schools 2

Frederick County Public Schools 5

Fredericksburg City Public Schools 7

Giles County Public Schools 2

Greene County Public Schools 4

Greensville County Public Schools 1



CONTINUED: Virginia School Districts of Residence – VAVA

Hampton City Public Schools 6

Halifax County Public Schools 2

Hanover County Public Schools 3

Henrico County Public Schools 8

Henry County Public Schools 1

Hopewell City Public Schools 1

Isle Of Wight County Public Schools 5

James City County 2

Loudoun County Public Schools 26

Louisa County Public Schools 6

Lynchburg City Public Schools 3

Manassas City Public Schools 3

Martinsville City Public Schools 1

Mecklenburg County Public Schools 4

Montgomery County Public Schools 14

Nelson County Public Schools 4

New Kent County Public Schools 2

Newport News City Public Schools 12

Norfolk City Public Schools 23

Northampton County Public Schools 1

Nottoway County Public Schools 1

Orange County Public Schools 1

Petersburg City Public Schools 2

Poquoson City Public Schools 3

Portsmouth City Public Schools 11

Powhatan County Public Schools 2

Prince Edward County Public Schools 10

Prince George County Public Schools 2

Prince William County Public Schools 33

Pulaski County Public Schools 2

Richmond City Public Schools 5

Richmond County Public Schools 2

Roanoke City Public Schools 6



CONTINUED: Virginia School Districts of Residence – VAVA

Roanoke County Public Schools 4

Rockingham County Public Schools 3

Russell County Public Schools 1

Shenandoah County Public Schools 4

Spotsylvania County Public Schools 10

Stafford County Public Schools 24

Staunton City Public Schools 2

Suffolk City Public Schools 13

Surry County Public Schools 1

Sussex County Public Schools 1

Tazewell County Public Schools 2

Virginia Beach City Public Schools 37

Warren County Public Schools 7

Waynesboro City Public Schools 2

Williamsburg-James City County Public Schools 1

Winchester City Public Schools 2

Wise County Public Schools 5

Wythe County Public Schools 3

York County Public Schools 10



Many opportunities to meet...

We try to host 2 outings a month around the state and surrounding areas in order to facilitate a strong community feeling to our school.

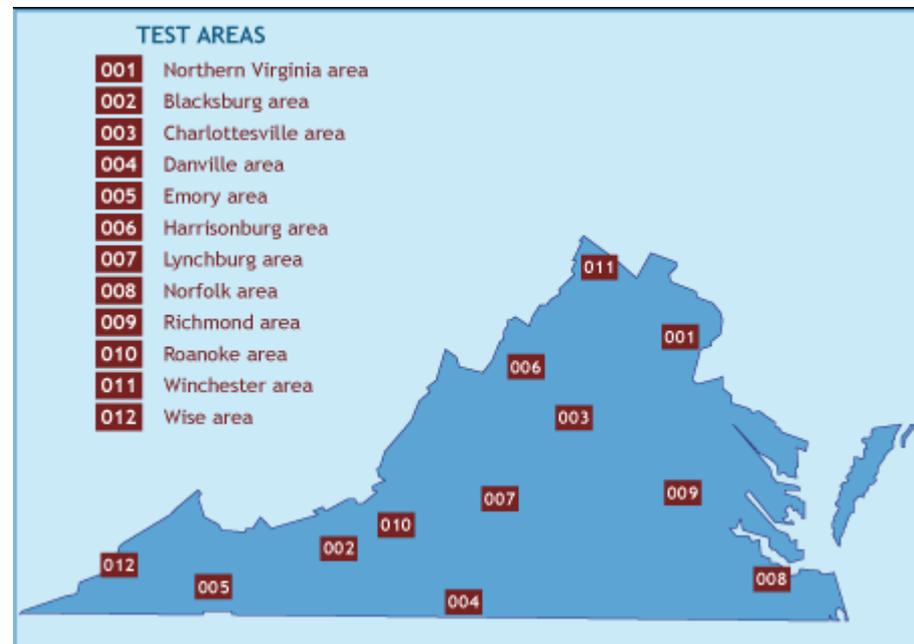
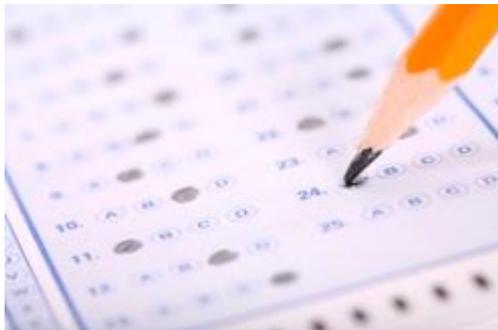
Some of our Planned and attended VAVA Events:

- **Apple School in Charlottesville and Pumpkin Patch Picking in Virginia Beach and Centreville**
- **Governor's Mansion – Classroom Demonstration LIVE with Governor and First Lady**
- **Ice Skating and Gingerbread / Poetry Contests in December in nine cities across the state**
- **Busch Gardens in Williamsburg; Riverside Theater in Fredericksburg**
- **Opening Day at Nationals Park – Virginia Virtual Academy Students Recognized by Announcer**
- **Amazement Square in Lynchburg with Andre Agassi and Steffi Graf**
- **Richmond: Science Museum of Virginia and Virginia Museum of Fine Arts**
- **Splashdown in Manassas**
- **Carroll County Holiday Parade and Visited Retirement Home with Gifts and Stories for the Residents**
- **Natural Bridge Zoo**
- **Virginia Air and Space Center; Virginia Aquarium, Jamestown**
- **Guided Tour of The White House**
- **Smithsonian, Natural and American History, Dinosaurs of Patagonia and Kennedy Center**
- **Norfolk, Fredericksburg, VA Beach Food Banks– helped donate food and holiday goodies to needy families**
- **Tour of the Virginia State Capitol Building –Virginia Virtual Academy Students Recognized from floor of VA Senate and the House TWICE – once in Feb 2010 and once on VA Capitol Day as declared by Governor on 2/6/12.**



Virginia Standards of Learning Assessments

- Virginia Virtual Academy Students Are Accountable
- Participation in Standards of Learning Assessments is Mandatory
 - Grades 3-8





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Full Day Fully Funded Virtual Program Components

- World Language Courses
- AP full course list available
- Full high school curriculum with all elective choices full 100+ course selection from catalog
- Lower student teacher ratio
- Computer, Internet reimbursement, printer/fax/scanner
- Academic Administrator-focused on programs for teachers and students' academic success
- Program Manager – assist district with state data requirements including invoicing
- School Sponsored Outings
- School Counselor/Advisor
- Face to face opportunities
- Increased Number of Small Group Synchronous Test Preparation Instructional Sessions



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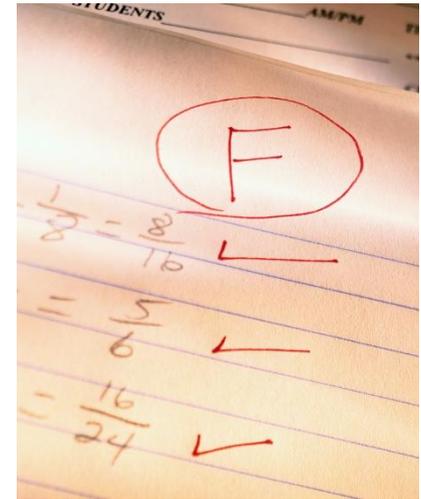


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Remedial Instruction and tutoring IS CRITICAL

- 62% of students came to VAVA one or more years behind grade level in reading and/or math
- 40% of prior public students in grades 3-8 did not pass SOL tests in year prior to enrollment





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Recorded Virtual Classroom Link

Here is the recorded link for the VA Studies class held on 2/6 at the capitol.

<https://sas.illuminate.com/site/external/jwsdetect/playback.jnlp?psid=2012-02-06.1133.M.A1695681994B5FDDD1B0D4E9944791.vcr&sid=559>

Topic: Reasons for the American Revolution

Grade Level: 4th Grade



Blackboard Collaborate | Launching Blackboard Collaborate - Mozilla Firefox

Elluminate Live! - K12_1173202

File Session View Tools Window Help

Participants

Participants	Icons
Participant#2 (Moderator)	[Icons]
Participant#10	[Icons]
Participant#11	[Icons]
Participant#12	[Icons]
Participant#13	[Icons]
Participant#14	[Icons]
Participant#15	[Icons]
Participant#16	[Icons]
Participant#17	[Icons]
Participant#3	[Icons]
Participant#4	[Icons]
Participant#9	[Icons]

Whiteboard - Main Room (Scaled 134%)

Reasons for the American Revolution

Reasons for the American Revolution

What was the most important reason for the American Revolution?

Response	Count	Percentage
A monarch (King/Queen)	6/12	50%
A president	6/12	50%
None	0/12	0%

Explain why in the chat box.

Audio - Participant#2

1:26

In session for 36 minutes.



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Contact Information

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