

Science Resources

Blue Ridge PBS



Blue Ridge PBS Hands on Science Video

Hands on Physics:

16 short demonstrations in the VT Physics Demonstration Classroom

1. [Principles of Projectile Motion](#)
2. Newton's 2nd Law: Unbalanced and Balanced Forces
3. Modeling Motion
4. Conservation of Energy/Momentum
5. Electrostatic Force
6. Circular Motion
7. Acceleration due to Gravity
8. Sound Waves

Hands on Chemistry:

25 Demonstrations of Commonly Performed Chemistry Activities

All available at https://www.youtube.com/playlist?list=PLr0ifNyH_LrLmr_jpHKYQpF8nPMr0jGEj

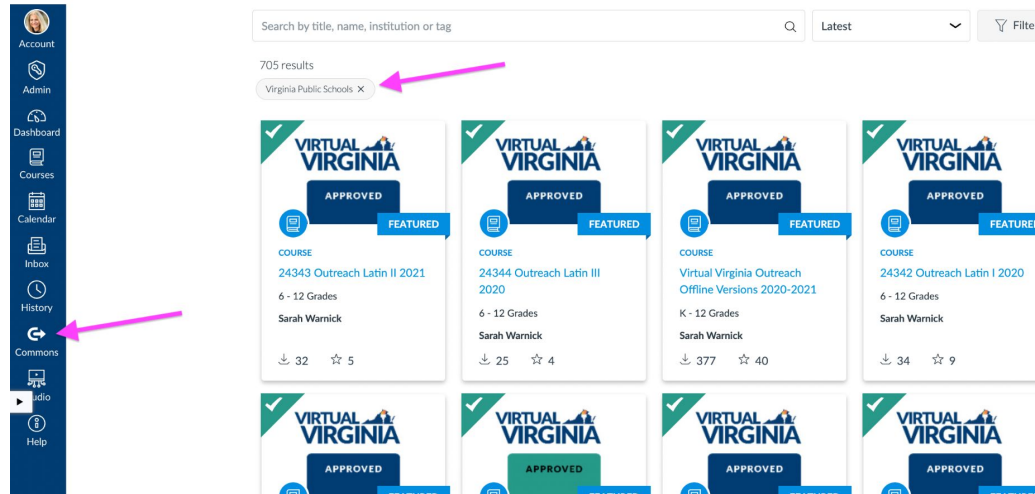
Virtual Virginia

The Virginia Department of Education's Virtual Virginia Program (VVA) offers **online courses**, **professional learning** opportunities, and **digital content** to schools, students, and educators across the Commonwealth.

Virginia public school divisions & Virtual Virginia **partner** together to ensure learners have access and opportunity that **complement** those available in the physical school.

Outreach

VVA content is available to all Virginia educators in Canvas Commons. Search for the statewide consortium **Virginia Public Schools** to quickly find released VVA resources.



The screenshot shows the Canvas Commons interface. On the left is a vertical navigation menu with icons for Account, Admin, Dashboard, Courses, Calendar, Inbox, History, Commons, Audio, and Help. A pink arrow points to the 'Commons' icon. The main content area has a search bar with the text 'Search by title, name, institution or tag' and a search icon. Below the search bar, it says '705 results' and 'Virginia Public Schools X' with a pink arrow pointing to the search filter. The search results are displayed as a grid of course cards. Each card features the 'VIRTUAL VIRGINIA' logo, a green checkmark, and 'APPROVED' and 'FEATURED' badges. The cards list course titles, grades, and authors. The first row shows four cards:

- Course: 24343 Outreach Latin II 2021, 6 - 12 Grades, Sarah Warnick, 32 downloads, 5 stars.
- Course: 24344 Outreach Latin III 2020, 6 - 12 Grades, Sarah Warnick, 25 downloads, 4 stars.
- Course: Virtual Virginia Outreach Offline Versions 2020-2021, K - 12 Grades, Sarah Warnick, 377 downloads, 40 stars.
- Course: 24342 Outreach Latin I 2020, 6 - 12 Grades, Sarah Warnick, 34 downloads, 9 stars.

The second row shows four more cards, partially visible, all with 'APPROVED' and 'FEATURED' badges.

Check out an example course!

Achieve more—at your own pace!

PROFESSIONAL LEARNING

Virtual Virginia offers online professional learning opportunities for all Virginia public school educators **at no cost**. VVA's **fully online** professional learning opportunities include webinars, courses, certifications, workshops, conferences, and the VVA Professional Learning Network.

[Browse Professional Learning Courses](#)

[View Upcoming Webinars](#)

