1:1 Computing

Beginning in the fall semester of the 2017-18 school year, King's ninth and tenth grade students will be required to come to school with a Microsoft Surface Pro. This implementation will allow our teachers and students to fully leverage Office 365 tools and apps. In addition, students will have access to many other exciting programs used in a 21st century learning environment preparing them as the world moves toward 3D digital technology.

King's has investigated or piloted: Chromebooks, netbooks, iPads, zero Client devices, multipoint servers, desktops, Macs, traditional laptops, Surface RT, Surface Pro and iTouches. We have found that the most current version of Surface Pro most closely aligns with the following requirements and many other requirements not listed.

Our requirements for a device in moving to 1:1 computing:

- Fast, reliable, and easy to manage and update
- Touchscreen and digital inking for compatibility with school software
- Allows for student monitoring and teacher control for classroom management
- Integrates fully with higher level programs that only run fully on a PC
- Allows for lab integration/docking for classes such as photography, video editing, journalism, computer science, robotics, and CAD
- Longevity of usability (Will it be obsolete in 2 years?)
- Approved of by CRISTA's IT department for security and consistency to our current infrastructure; works seamlessly with CRISTA's current network and security
- Ability to fully run all programs necessary for 21st century learning
- Wireless projection all using the same system
- Suitable for art, math, science and photography students for stylus editing and artwork
- Runs most suitably all components of OneNote for full student/teacher interaction
- Helps support students and teachers, as student leaders become experts in one device

How students will use Surface Pro daily:

- Office 365 with an emphasis on OneNote for classroom organization
- Project-based learning, screen recording and creation of presentations
- Accessing textbooks, when applicable
- Digital inking (note taking and paperless classrooms) and stylus use
- Wireless projection to teacher screen
- Video conferencing and collaboration of class work and projects

Crista IT will configure and securely manage all student devices during the school year. They can then easily push out programs and updates that do not impede campus bandwidth. We expect the Surface Pro to enhance each student's learning experience and allow flexibility for teachers to amplify best practices in use of technology in education. We are also negotiating with the Microsoft Store at UVillage for discounts and payment plans for King's families. Learn more at www.youtube.com/watch?v=lOr7ONKOp-k.