

COMPUTER PROFICIENCY PROGRAM

The Computer/Technology Standards of Learning identify and define the progressive development of essential knowledge and skills necessary for students to access, evaluate, use and create information using technology. They provide a framework for technology literacy and demonstrate a progression from physical manipulation skills for the use of technology, to intellectual skills necessary for information use, to skills needed for working responsibly and productively within groups. Computer/technology proficiency is not an end in itself, but lays the foundation for continuous learning. The focus is on learning using technology rather than learning about technology. To become technologically proficient, the student must develop the skills through integrated activities in all content areas K-12, rather than through one specific course. These skills should be introduced and refined collaboratively by all K-12 teachers as an integral part of the learning process. Teachers can use these standards as guidelines for planning technology-based activities in which students achieve success in learning, communication, and prepare them to meet the challenges of today's technology-rich world of work. (Computer Technology Standards of Learning for Virginia's Public Schools, June 22, 2005, Board of Education, Commonwealth of Virginia).

1. **ELEMENTARY:** By the end of grade 5, students will demonstrate on either teacher-made or software-generated tests that they have attained the skills and understanding required in the Computer/Technology Standards of Learning for grades K-5.

2. **MIDDLE SCHOOL:** Effective the 2013-14 school year, each middle school student will be required to successfully complete a Keyboarding course or satisfy keyboarding competencies before completing 8th grade. Students who do not complete the course (including new or transfer students) will be required to demonstrate keyboarding proficiency prior to entering 9th grade through successful completion of an online Keyboarding course (non-credit) or other demonstration of skills.

3. **HIGH SCHOOL:** If a student entering 9th grade (or a new or transfer student) has not passed a Keyboarding course in middle school, the student will be required to demonstrate keyboarding proficiency prior to graduation through successful completion of an online Keyboarding course (non-credit) or other demonstration of skills.

ADOPTED: May 14, 2002

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 July 9, 2002
 May 13, 2008
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LEGAL REFERENCES: SOL: Computer/Technology Standards
 Standards for Accrediting Schools in Virginia