

Technology Standards for Instructional Personnel



The Virginia Society for Technology in Education (VSTE) has drafted new Technology Standards for Instructional Personnel (TSIP). These standards update the original 1998 standards and represent foundational skills that every educator must meet in order to be considered proficient in the use of technology for teaching and learning. In a changing digital world, meeting these standards will need to be done every five years as part of the recertification process.

Lifelong Learner: Teachers engage in ongoing professional learning related to content, pedagogy, technology and leadership.

- Engage in ongoing professional growth related to the use of innovative instructional strategies that integrate digital technologies
- Use technology to obtain feedback that allows for reflection and improvement in the learning process
- Use local and global professional learning networks to collaborate and learn in both physical and digital environments

Digital Leadership: Teachers positively contribute to and responsibly participate in the digital world.

- Cultivate and manage their digital identities and reputations and are aware of the permanence of their actions in the digital world
- Promote and model safe, legal and ethical behaviors with students by embedding digital citizenship skills in online lessons and activities
- Select and correctly attribute appropriate digital content, tools and resources that meet local, state and/or federal policies
- Understand the rights and obligations of student privacy and security when collecting and using student data, communicating with stakeholders, reviewing user agreements, and selecting digital content, tools, and resources

Learning Facilitator: Teachers facilitate learning with technology to support student achievement.

- Incorporate learning strategies that use technology to accommodate learner variability, personalize learning, and allow student choice, self-direction and goal-setting
- Model the appropriate use of technology to communicate, create, collaborate, and solve problems
- Assist students in selecting and using appropriate and available digital tools to communicate, create, collaborate and solve problems
- Acquire, access, and analyze a variety of formative and summative assessments that leverage the power of technology to provide immediate and specific feedback and offer alternative learning paths to students

Skilled Technology User: Teachers understand the fundamental concepts of technology operations and troubleshooting as well as basic uses of technology in instruction.

- Choose and use digital technologies including both hardware, software and web-based resources to support classroom instruction
- Troubleshoot typical classroom technologies
- Perform basic computing operations such as accessing accounts, managing files, navigating the Internet, and selecting appropriate applications to perform tasks

