Standard 1

Complete Text of the Standard

1. Facilitate and Inspire Student Learning and Creativity

Teachers use their knowledge of subject matter, teaching and learning, and technology to facilitate experiences that advance student learning, creativity, and innovation in both face-to-face and virtual environments. Teachers:

a. promote, support, and model creative and innovative thinking and inventiveness
b. engage students in exploring real-world issues and solving authentic problems using digital tools and resources
c. promote student reflection using collaborative tools to reveal and clarify students' conceptual understanding and thinking, planning, and creative processes
d. model collaborative knowledge construction by engaging in learning with students, colleagues, and others in face-to-face and virtual environments

Narrative Description of the Standard

Teachers no longer can "get by" with standing in front of students lecturing. Rather, they must use all the tools at their disposal to create a learning environment in the classroom that encourages students to learn in new ways. One way to do this is through a constructivist approach: students construct their own knowledge by creating learning experiences under the teacher's guidance. The teacher doesn't lecture; the teacher provides all the necessary learning tools and guides students to the 'right answer.'

In using technologies that allow students to work together (such as blogs, wikis, and real-time collaboration tools such as Google Docs), teachers foster a sense of team spirit that students can transfer to real-world work environments.

Finally, teachers themselves must use the very technology they expect their students to use. Technology- using teachers use all the tools at their disposal for teaching, self-learning, and professional collaboration. These technology-rich environments can lead to greater productivity and increased learning in schools.

Examples of Meeting the Standard

Teachers use **blogs** to enrich student learning providing information that broadens or deepens student understanding of the subject matter	Teachers encourage students to create products demonstrating knowledge and understanding of subject matter using a wide variety of technology tools not limited to just computers.
Teachers use **podcasts** to communicate subject matter and other information to students, other teachers and school professionals, and parents.	Teachers use technology tools to bring to the classroom outside experts both synchronously and asynchronously.
Teachers use **web-based tools** and Internet **web sites** to bring students the most up-to-date information on the subject they are studying.	Teachers involve students in learning experiences that require identifying and defining authentic questions and problems
Teachers encourage student to use multiple processes and perspectives to discover, propose, and evaluate multiple solutions to questions and problems.	Teachers work with learners to develop and evaluate new products and processes using a wide variety of digital media tools and creations.