

Technology Benefits

When multimedia and collaborative technologies are used in a student-centered project-based classroom, learning is more engaging, relevant, and effective. In addition, teachers find that students have improved content understanding and mastery of 21st century skills. The chart below describes some benefits of technology integration.

| Benefit of Technology Integration that Support Teaching and Learning | Explanation |
|---|---|
| Deepens content learning | Technology resources and tools allow for rich exploration of topics. |
| Allows for varied instructional strategies | Technology tools can be used to support and engage all learners. |
| Promotes 21st century skills | Technology can improve communication and collaboration, critical thinking, problem solving, decision making, information literacy, creativity, and self-direction skills. |
| Fosters digital citizenship | Students learn how to use technology responsibly. |
| Enables real-world connections | Students can use technology to apply and connect their learning outside the classroom. |
| Facilitates global citizenship | Students can use technology to work with peers and experts around the world. |
| Supports student-centered learning | In a 21st century classroom, the teacher is no longer the only expert. Technology supports students' development of self-direction skills. |
| Prepares students for the future | When students use the latest technologies, they develop valuable skills that prepare them for the future. |