



STANHOPE PUBLIC SCHOOL DISTRICT
VALLEY ROAD SCHOOL

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Technology Curriculum

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Charger Technology in the 21st Century

Technology Education covers both educational technology and knowledge of the design process. A solid foundation in both of these areas is needed to succeed in an increasingly technological world. In the context of every lesson, computer skills will be utilized. The design process will be introduced and developed with an interdisciplinary focus. This curriculum addresses the identified skill areas targeted in the updated 2009 Technology Education New Jersey Core Curriculum content Standards (CCCS) and the specific needs for the Stanhope School district.

The key components of our curriculum template provide a structure to incorporate the following frameworks required by the State:

1. 21st Century Themes- Creativity, collaboration, critical thinking, and communication are at the core of 21st century skills. These transferrable skills are woven into interdisciplinary subjects such as global awareness, financial literacy, civic literacy, and health literacy.
2. Essential questions and big ideas-These are components of understanding by design that foster inquiry and highlight the relevance of the content. They provide the purpose for learning, have lasting value, and transfer across content areas.
3. Differentiation- All students focus on essential skills and content with different levels of complexity. Formative assessments are used to determine the readiness levels of the students and learning is structured to ensure that students achieve the learning targets.
4. Interdisciplinary opportunities- The units are designed to make connections across traditional curricular boundaries with meaningful connections, thereby creating relevance and high interest activities for students.
5. Technology integration- The technology integration matrix tracks learning experiences that are active, collaborative, constructive, and authentic. It will allow teachers to reflect on their current level of technology integration with the goal of transformative learning through technology.