

West Virginia Standards for 21st Century Learning

21st Century Learning Skills and Technology Tools

5-8 Learning Skills Objectives

Upon completion of the eighth grade, the student will demonstrate ethical behavior and work responsibly and collaboratively with others to accomplish both individual and team goals. The student will become a more critical thinker and problem solver and use technology tools to solve problems and make decisions related to classroom assignments. The eighth grade student will create products that reflect a growing understanding of visual language and the effective use of technology tools. The student will use expanded features of spreadsheet, database and presentation software and use telecommunications to publish information. A proficient user of technology, the student will demonstrate a sound understanding of the nature and operation of technology systems and will effectively use telecommunications tools for research, collaboration and communication. The student understands the need for individuals and business to protect the integrity of technology systems..

Standard 1: Information and Communication Skills	The student will access, analyze, manage, integrate, evaluate, and create information in a variety of forms using appropriate technology skills and communicate that information in an appropriate oral, written, or multimedia format.
21C.O.5-8.1.LS1	Student, when presented with a problem, identifies the information needed, uses text, people, online databases and search engines to filter relevant information efficiently, analyzes information for biases, synthesizes information gathered and creates an effective and efficient response to the problem
21C.O.5-8.1.LS2	Student interprets abstract visuals and creates products (e.g. digital storytelling) that reflect a growing understanding of visual language and require the effective use of tools (e.g. cropped photos, original charts and graphs, well-chosen images from databases, video clips).
21C.O.5-8.1.LS3	Student presents thoughts, ideas, and conceptual understanding efficiently, accurately and in a compelling manner and enhances the oral or written presentation through the use of technology.
Standard 2: Thinking and Reasoning Skills	The student will demonstrate the ability to explore and develop new ideas, to intentionally apply sound reasoning processes and to frame, analyze and solve complex problems using appropriate technology tools.
21C.O.5-8.2.LS1	Student engages in a critical thinking process that supports synthesis and conducts evaluations by applying comprehensive criteria.
21C.O.5-8.2.LS2	Student draws conclusions from a variety of data sources to analyze and interpret systems.
21C.O.5-8.2.LS3	Student engages in a problem solving process that divides complex problems into simple parts in order to devise solutions.
21C.O.5-8.2.LS4	Student creates thoughtful ideas and solutions and takes risks as he/she works toward goal despite mistakes. Student begins to consistently think of all the possibilities and diverges to become more expansive with his/her thoughts/ideas that lead to the creation of original products.
Standard 3: Personal and Workplace Skills	The student will exhibit leadership, ethical behavior, respect for others; accept responsibility for personal actions considering the impact on others; take the initiative to plan and execute tasks; and interact productively as a member of a group.
21C.O.5-8.3.LS1	Student manages emotions and behaviors, engages in collaborative work assignments requiring compromise, and demonstrates flexibility by assuming different roles and responsibilities within various team structures.
21C.O.5-8.3.LS2	Student is flexible in approach to solving problems and completing tasks, considers alternative methods, solutions and perspectives, abandons strategies that do not work, and reallocates time and resources as priorities change.
21C.O.5-8.3.LS3	Student sets challenging goals and strategically plans to reach those goals, monitors performance and adjusts effort and strategies, seeks assistance when needed, and demonstrates focused commitment to reaching the established goals.
21C.O.5-8.3.LS4	Student demonstrates ethical behavior and works responsibly and collaboratively with others, in academic and social contexts, to accomplish both individual and team goals related to improved academic, extracurricular and co-curricular performances.
21C.O.5-8.3.LS5	Student exhibits interpersonal and problem-solving skills when in the role of leader. He/she helps others stay focused on the goal, monitors progress of the group, and successfully moves the group toward the goal.
21C.O.5-8.3.LS6	Student maintains focus on larger project goal, frames appropriate questions, reflects on possible courses of action and their likely consequences, develops and initiates a plan of action with appropriate smaller objectives and benchmarks, and submits the completed project when due.