Standard Code	Standards
MS8-TECH.CI.01.00.0	**Apply existing knowledge to generate new ideas, products, or processes**
MS8-TECH.CI.01.A.0	Analyze and evaluate information to generate new ideas, processes or products.
MS8-TECH.CI.02.00.0	**Create original works as a means of personal or group expression**
MS8-TECH.CI.02.A.0	Create innovative products or projects using digital tools to express original ideas.
MS8-TECH.CI.02.B.0	Use digital tools to collaborate with a group to communicate original ideas, products, or projects effectively in a creative or innovative style.
MS8-TECH.CI.03.00.0	**Use models and simulations to explore complex systems and issues**
MS8-TECH.CI.03.A.0	Summarize the relationship amongst interdependent elements of a digital model or simulation.
MS8-TECH.CI.03.B.0	Analyze system processes and outcomes using models or simulations.
MS8-TECH.CI.03.C.0	Analyze and apply understanding of how one system, digital models, or simulations operates by comparing it to another system of a different type that operates in a similar manner.
MS8-TECH.CI.04.00.0	**Identify trends and forecast possibilites**
MS8-TECH.CI.04.A.0	Identify patterns and trends to forecast possibilities from different perspectives.
MS8-TECH.CI.04.B.0	Ask questions and investigate a problem from different perspectives and formulate inferences from known facts.
MS8-TECH.CI.4.C.0	Draw conclusions that reflect clear and logical links between the trends and patterns and the interpretations made from them.
MS8-TECH.CC.01.00.0	**Interact, collaborate, and publish with peers, experts, or others employing a variety of digital environments and media**
MS8-TECH.CC.01.A.0	Collaborate and communicate with peers, experts, or others employing a variety of digital tools to share findings and/or publish.
MS8-TECH.CC.02.00.0	**Communicate information and ideas effectively to multiple audiences using a variety of media and formats**
MS8-TECH.CC.02.A.0	Explain and demonstrate features, conventions, voice, and etiquette of interactive digital environments to communicate with an appropriate audience.
MS8-TECH.CC.03.00.0	**Develop cultural understanding and global awareness by engaging with learners of other cultures**
MS8-TECH.CC.03.A.0	Independently locate and interact with teacher approved global communities.
MS8-TECH.CC.04.00.0	**Contribute to project teams to produce original works or solve problems**
MS8-TECH.CC.04.A.0	Communicate and collaborate for the purpose of producing original works or solving problems.
MS8-TECH.RIF.01.00.0	**Plan strategies to guide inquiry**
MS8-TECH.RIF.01.A.0	Predict the most effective keywords and phrases for use in information searches.
MS8-TECH.RIF.01.B.0	Determine which information source will provide the desired data.
MS8-TECH.RIF.02.00.0	**Locate, organize, analyze, evaluate, synthesize, and ethically use information with respect to Catholic values from a variety of sources and media**

Standard Code	Standards
MS8-TECH.RIF.02.A.0	Locate and synthesize information utilizing advanced search strategies.
MS8-TECH.RIF.02.B.0	Evaluate and use authoritative primary and/or secondary sources.
MS8-TECH.RIF.02.C.0	Construct research information to formulate new understanding or develop new ideas.
MS8-TECH.RIF.02.D.0	Apply ethical use of information and media by respecting copyrights, intellectual property rights, using information and media technology responsibly, and citing resources appropriately
MS8-TECH.RIF.03.00.0	**Evaluate and select information sources and digital tools based on the appropriateness to specific tasks**
MS8-TECH.RIF.03.A.0	Evaluate between fact and opinion, bias, inaccurate and misleading information by consulting multiple sources.
MS8-TECH.RIF.04.00.0	**Process data and report results**
MS8-TECH.RIF.04.A.0	Construct a data collection process then analyze, discuss and explain results.
MS8-TECH.CPD.01.00.0	**Identify and define authentic problems and significant questions for investigations**
MS8-TECH.CPD.01.A.0	Write essential questions to investigate a topic or issue using digital tools and resources.
MS8-TECH.CPD.02.00.0	**Plan and manage activities to develop a solution or complete a project**
MS8-TECH.CPD.02.A.0	Plan, conduct and manage research using appropriate digital resources to develop solutions for a question.
MS8-TECH.CPD.02.B.0	Present defendable solutions and make decisions from multiple perspectives using collected resources and data.
MS8-TECH.CPD.03.00.0	**Collect and analyze data to identify solutions and/or make informed decisions**
MS8-TECH.CPD.03.A.0	Gather and evaluate data to predict possible outcomes for a variey of problems.
MS8-TECH.CPD.04.00.0	**Use multiple processes and diverse perspectives to explore alternative solutions**
MS8-TECH.CPD.04.A.0	Practice using a variety of digital resources to compare and contrast results and explore possible solutions.
MS8-TECH.DC.01.00.0	**Advocate and practice safe, legal, and responsible use of information and technology consistent with our Catholic values**
MS8-TECH.DC.01.A.0	Assess situations in which it is appropriate and safe to use a personal digital device in the home, school, community, and in the work place.
MS8-TECH.DC.01.B.0	Describe strategies to deal with cyber-bullying situations.
MS8-TECH.DC.01.C.0	Articulate and practice the school and district rules governing the use of digital tools as defined by school board policy and procedures.
MS8-TECH.DC.01.D.0	Demonstrate safe online communication practices regarding personal information.
MS8-TECH.DC.01.E.0	Analyze and compare various aspects of e-commerce.
MS8-TECH.DC.01.F.0	Exhibit legal and ethical behavior when using technology.
MS8-TECH.DC.02.00.0	**Exhibit a positive attitude toward using technology that supports collaboration, learning, and productivity**
MS8-TECH.DC.02.A.0	Students demonstrate common courtesies by showing respect and responsibility for self, peers and equipment while collaboratively learning and becoming productive students.

Standard Code	Standards
MS8-TECH.DC.02.B.0	Analyze current economic, environmental, health, political, scientific, or social problems that have technological solutions and propose potential solutions for the problems.
MS8-TECH.DC.03.00.0	**Demonstrate personal responsibility for lifelong learning**
MS8-TECH.DC.03.A.0	Students will actively demonstrate responsible use of information and technology and recognize the importance of technology and lifelong learning.
MS8-TECH.DC.04.00.0	**Exhibit leadership for digital citizenship using Catholic Social Teachings as our model**
MS8-TECH.DC.04.A.0	Promote digital citizenship by consistently leading by example and advocating social and civic responsibility to others.
MS8-TECH.DC.05.00.0	**Develop an understanding of the cultural, historical, economic and political impact of technology on individuals and society.**
MS8-TECH.DC.05.A.0	Analyze current economic, environmental, health, political, scientific, or social problems that have technological solutions and propose potential solutions for the problems.
MS8-TECH.TOC.01.00.0	**Understand and use technology systems**
MS8-TECH.TOC.01.A.0	Explain how systems are integrated detailing input, output, and network devices.
MS8-TECH.TOC.01.B.0	Define and apply knowledge of various technical process terms.
MS8-TECH.TOC.01.C.0	Choose technology applications appropriate for the audience and task.
MS8-TECH.TOC.01.D.0	Recognize and demonstrate ergonomically safe and sound use of equipment.
MS8-TECH.TOC.01.E.0	Analyze and evaluate physical risks of using digital technology.
MS8-TECH.TOC.02.00.0	**Select and use applications effectively and productively**
MS8-TECH.TOC.02.A.0	Demonstrate speed and accuracy using appropriate data entry tools.
MS8-TECH.TOC.02.B.0	Compose a multiple section document using advanced formatting.
MS8-TECH.TOC.02.C.0	Apply formatting features while using spreadsheet programs to customize tables, charts, and graphs.
MS8-TECH.TOC.02.D.0	Create a simple database for a content area.
MS8-TECH.TOC.02.E.0	Create and edit visual and audio material to generate a stand-alone multimedia product.
MS8-TECH.TOC.02.F.0	Identify criteria for evaluating technical and design qualities of a web site and then create web-based content from the identified criteria.
MS8-TECH.TOC.02.G.0	Identify and use network protocols for moving files and secure web access.
MS8-TECH.TOC.03.00.0	**Troubleshoot systems and applications**
MS8-TECH.TOC.03.A.0	Generate and apply solutions to troubleshoot hardware and software issues and problems.
MS8-TECH.TOC.04.00.0	**Transfer current knowledge to learning of new technologies**
MS8-TECH.TOC.04.A.0	Transfer understanding of current technologies to new and novel learning situations.