

Montpelier Schools
Kindergarten
Technology Applications and Information Tools
Ohio Technology Content Standards 3, 4, and 5
Scope and Sequence

Key: I – Introduce, C – Continuation, M - Mastery

Standard 3

Technology for Productivity Applications

Students learn the operations of technology through the usage of technology and productivity tools.

Benchmark A: Understand basic computer and multimedia technology concepts and terminology.		
Skills	Level	Comments
Locate computer and multimedia technology in the classroom and identify it by name • Computer • VCR/DVD • Television • Projector • Listening Station	I	
Name the basic parts of a computer • Monitor • Keyboard • CPU • Mouse	I	
Use computer and multimedia technology with teacher assistance • Computer • TV • DVD/VCR • Listening Station	I	

Benchmark B: Demonstrate operation of basic computer and multimedia technology tools.		
Skills	Level	Comments
Listen to directions and use proper care when handling computer and multimedia technology. • Demonstrate proper behavior while using • No eating or drinking	I	
Follow the correct order for turning computers and multimedia technology resources on and off with teacher assistance.	I	
Identify and use input and output devices to operate computer and multimedia technology tools with teacher assistance. • Keyboard and Mouse • Monitor and Printer	I	
Use software programs with teacher assistance. • Star Reader • SMART Notebook	I	
Discover that technology tools can help solve problems.	I	
View multimedia presentations and discuss motion and sound.	I	

Benchmark C: Use productivity tools to produce creative works.		
Skills	Level	Comments
Recognize productivity tools • Paint • SMART Notebook	I	
Identify/recognize technology resources • pre-selected Web sites • educational software	I	

Standard 4

Technology and Communication Applications

Students use an array of technologies and apply design concepts to communicate with multiple audiences, acquire and disseminate information, and enhance learning.

Benchmark A: Investigate the nature and operations of communication systems.		
Skills	Level	Comments
Explore different types of media formats used to communicate information • e-mail • TV • Newspapers • Film/Video • Telephones • Web pages	I	

Benchmark B: Explore how information can be published and presented in different formats.		
Skills	Level	Comments
Examine digital images in learning (e.g., students select pictures of community helpers from teacher-identified materials) • Online Newspapers • Online Magazines • Camera • Webpages	I	

Benchmark C: Participate in group projects and learning activities using technology communications.		
Skills	Level	Comments
Engage in teacher-directed online learning activities • Online field trips (Distance Learning Activities) • Video Streaming	I	

Standard 5

Technology and Information Literacy

Students engage in information literacy strategies, use the Internet, technology tools and resources, and apply information-management skills to answer questions and expand knowledge.

Benchmark A: State what information is, and show where it can be found.		
Skills	Level	Comments
Identify what information is, and recognize that it can be represented in a variety of ways - Numbers - Words - Pictures - Sounds	I	
Identify places where information can be found and retrieve information from a specified location - Classroom - Book - School or Public Library - Internet Web Site - Computer file	I	

Benchmark B: Use a simple research process model which includes deciding what to use, finding resources, using information and checking work to generate a product.		
Skills	Level	Comments
Ask questions about an identified topic.	I	
View information in an information source selected by the teacher or librarian. - Web Page – Online Encyclopedia - United Streaming	I	
Tell what was learned using technology tools - Use a computer drawing/paint program to draw a picture that explains what was learned - Use SMART Notebook to draw a picture that explains what was learned	I	

Benchmark C: Apply basic browser and navigation skills to find information from the Internet		
Skills	Level	Comments
Talk about the Internet as an information source. - Educational - Entertainment	I	