

TechnoKids Project Matrix

The *Project Guide Matrix* includes a description of each project, software, and technology skills addressed.

Primary Computer Curriculum					
Pre-school	TechnoBasics Complete fun computer activities. Software: Kid Pix Deluxe 4 Skills: graphics	TechnoColors Create colorful artwork using the computer. Software: Kid Pix Deluxe 4 Skills: graphics	TechnoLetters Learn the letters of the alphabet. Software: Kid Pix Deluxe 4 Skills: word processing, graphics	TechnoShapes Produce unique designs with shapes. Software: Kid Pix Deluxe 4 Skills: graphics	TechnoNumbers Count, sort, and draw numbers. Software: Kid Pix Deluxe 4 Skills: graphics
Level 1	TechnoPC Master the PC and earn a computer driver's license. Software: Paint Skills: graphics Version: Guides for Windows 95/98/XP, Vista, and Windows 7	TechnoArtist Spark the imagination! Make an art collection. Software: Paint Skills: graphics Version: Guides for Windows 95/98/XP, Vista, and Windows 7	TechnoBook Write and illustrate a story that is "All About Me". Software: Word Skills: word processing, desktop publishing Version: Guides for Office 2000, XP/2003, and 2007	TechnoCity Produce an animated report about your community. Software: PowerPoint Skills: presentation Version: Guides for Office 2000, XP/2003, and 2007	TechnoCop Become a "technocop" and bring the crooks to justice. Software: Access, Word Skills: word processing, database, desktop publishing, graphics Version: Guides for Office 2000/XP/2003 and 2007
Level 2	TechnoAuthor Write an original fairy tale and illustrate the story. Software: Word Skills: word processing, desktop publishing Version: Guides for Office 2000, XP/2003, and 2007	TechnoAnimal Create a multimedia report on an animal. Software: Internet Explorer, PowerPoint, Paint Skills: presentation, graphics, Internet Version: Guides for Office 2000, XP/2003, and 2007	TechnoCelebrate Traditions, festivities, and celebrations in the world. Software: Access, Paint Skills: databases, graphics Version: Guides for Office 2000/XP/2003 and 2007	TechnoFit Take part in the "Be Fit Challenge". Software: Publisher, Media Player Skills: desktop publishing Version: Guides for Office 2000, XP/2003, and 2007	

Junior Computer Curriculum				
Level 3	TechnoPoet Compose rhymes, tongue twisters, and other poetry. Software: Word Skills: word processing, desktop publishing Version: Guides for Office 2000/XP/2003 and 2007	TechnoExplorer Explore the Internet to find TechnoBit and TechnoByte. Software: Internet Explorer, Messenger Skills: Internet Version: Guide for Office 2000/XP/2003/2007	TechnoBiz Develop a plan to increase candy sales. Software: Excel, Word Skills: spreadsheet, word processing, desktop publishing Version: Guides for Office 2000/XP/2003 and 2007	TechnoHero Create a multimedia presentation about your hero. Software: PowerPoint, Internet Explorer Skills: presentation, Internet Version: Guides for Office 2000, XP/2003, and 2007
Level 4	TechnoReport Raise awareness about an endangered species. Software: Word, Internet Explorer Skills: Internet, word processing, desktop publishing Version: Guides for Office 2000/XP/2003 and 2007	TechnoQuest Learn medieval facts to save the kingdom. Software: Access, Word, PowerPoint, Internet Explorer Skills: database, presentation, word processing Version: Office 2000/XP/2003 (Differences in versions are placed into notes)	TechnoSales Use math to make decisions about a bake sale. Software: Excel, Word Skills: spreadsheet, word processing, desktop publishing Version: Guides for Office 2000/XP/2003 and 2007	TechnoMovie Produce an animated story of a magical adventure. Software: PowerPoint, PhotoFilter V6 (free software) Skills: presentation, graphics, photo editing Version: Guides for Office 2000, XP/2003, and 2007
Level 5	TechnoCorrespondent Travel to a distant location and report the facts. Software: Word, Paint, Internet Explorer Skills: Internet, graphics, word processing, desktop publishing Version: Guides for Office 2000/XP/2003 and 2007	TechnoLink Develop a web page that has links to places on the WWW. Software: Internet Explorer, Word Skills: Internet, word processing, desktop publishing Version: Guides for Office 2000, XP/2003, and 2007	TechnoDrama Tell a digital story using basic video production equipment. Software: Windows Movie Maker Skills: video production Windows Version: Guides for Windows XP, Vista, and Live	TechnoMummy Learn about Egyptian life and beliefs by studying artifacts. Software: Access, Word, Paint, Internet Explorer Skills: Internet, word processing, graphics, desktop publishing, database Version: Guides for Office 2000, XP/2003, and 2007

Intermediate Computer Curriculum				
Level 6	<p>TechnoEditor</p> <p>Edit a collection of stories to make it error-free.</p> <p>Software: Word</p> <p>Skills: word processing, desktop publishing, graphics</p> <p>Version: Guides for Office 2000, XP/2003, and 2007</p>	<p>TechnoWeb</p> <p>Develop an eye-catching and informative website.</p> <p>Software: Internet Explorer, Publisher</p> <p>Skills: Internet, desktop publishing</p> <p>Version: Guides for Office 2000, XP/2003, and 2007</p>	<p>TechnoEntrepreneur</p> <p>Use entrepreneurial skills to operate a restaurant.</p> <p>Software: Excel, Word, Paint</p> <p>Skills: spreadsheet, graphics, word processing, desktop publishing</p> <p>Version: Guides for Office 2000, XP/2003, and 2007</p>	<p>TechnoNovel</p> <p>Create an animated book report that promotes a novel.</p> <p>Software: PowerPoint, Internet Explorer(optional)</p> <p>Skills: presentation, graphics, computer animation, Internet</p> <p>Version: Guides for Office 2000, XP/2003, and 2007</p>
Level 7	<p>TechnoEzine</p> <p>Publish an interactive teen magazine.</p> <p>Software: Word, Internet Explorer</p> <p>Skills: Internet, graphics, word processing, desktop publishing</p> <p>Version: Guides for Office 2000, XP/2003, and 2007</p>	<p>TechnoInvestor</p> <p>Buy and trade shares on the TechnoStock Exchange.</p> <p>Software: Excel, Word</p> <p>Skills: spreadsheet, word processing, desktop publishing</p> <p>Version: Guides for Office 2000/XP/2003 and 2007</p>	<p>TechnoTravel</p> <p>Plan a weekend getaway for tourists.</p> <p>Software: Internet Explorer, PowerPoint, Word</p> <p>Skills: presentation, Internet, word processing</p> <p>Version: Guides for Office 2000, XP/2003, and 2007</p>	<p>TechnoBiography</p> <p>Create an online biography that tells about an important person.</p> <p>Software: Internet Explorer, Publisher, Word</p> <p>Skills: Internet, desktop publishing, word processing, graphics</p> <p>Version: Guides for Office 2000, XP/2003, and 2007</p>
Level 8	<p>TechnoHTML</p> <p>Develop a web page using HTML source code.</p> <p>Software: Internet Explorer, Notepad</p> <p>Skills: Internet, programming</p>	<p>TechnoCEO</p> <p>Report to investors on company performance.</p> <p>Software: Excel, PowerPoint</p> <p>Skills: spreadsheet, presentation, graphics</p> <p>Version: Guides for Office 2000/XP/2003 and 2007</p>	<p>TechnoCommercial</p> <p>Create a commercial using basic video production equipment.</p> <p>Software: Windows Movie Maker</p> <p>Skills: video production</p> <p>Windows Version: Guides for Windows XP, Vista, and Live</p>	<p>TechnoMission</p> <p>Design a database to store mission-related data.</p> <p>Software: Internet Explorer, Access, Paint</p> <p>Skills: Internet, database, photo editing, graphics</p> <p>Version: Guides for Office 2000/XP/2003 and 2007</p>

Camp Computer Curriculum (These projects can be used for after school clubs, computer camp, or workshop activities)				
<p>TechnoArt</p> <p>Stretch the limits of the imagination.</p> <p>Software: Word, Paint, PowerPoint</p> <p>Skills: presentation, graphics, photo editing</p> <p>Version: Guides for Office 2000, XP/2003, and 2007</p>	<p>TechnoCelebrity</p> <p>Get the scoop on a celebrity makeover.</p> <p>Software: Internet Explorer, Microsoft Paint, Microsoft PowerPoint, FaceMorpher Lite</p> <p>Skills: presentation, Internet, photo editing, graphics</p> <p>Version: Guides for Office 2000, XP/2003, and 2007</p>	<p>TechnoKnight</p> <p>Become a knight by going on a "techno" quest.</p> <p>Software: Word, Paint, Internet Explorer, Access</p> <p>Skills: graphics, database, Internet</p> <p>Version: Guides for Office 2000, XP/2003, and 2007</p>	<p>TechnoPhotos</p> <p>Use photo editing techniques to create a pop art sensation.</p> <p>Software: Internet Explorer, PhotoFiltre V6 (free software)</p> <p>Skills: graphics, photo editing, Internet</p>	<p>TechnoPirate</p> <p>Search for treasure to find where "X" marks the spot.</p> <p>Software: Internet Explorer, Word</p> <p>Skills: Internet, desktop publishing, graphics</p> <p>Version: Guides for Office 2000, XP/2003, and 2007</p>
<p>TechnoProducer</p> <p>Lights! Camera! Action! Make a movie.</p> <p>Software: Movie Maker</p> <p>Skills: video production</p> <p>Version: Guides for Windows XP, Vista, and Live</p>	<p>TechnoSurvivor</p> <p>Out think, out match and out assemble on TechnoIsland.</p> <p>Software: Word, Internet Explorer, Excel</p> <p>Skills: Internet, graphics</p> <p>Version: Guides for Office 2000, XP/2003, and 2007</p>	<p>TechnoThink</p> <p>Put on your thinking caps! It is time to "techno" think.</p> <p>Software: Excel</p> <p>Skills: spreadsheets</p> <p>Version: Guides for Office 2000, XP/2003, and 2007</p>	<p>TechnoTrader</p> <p>Become an investor. Win a million or lose it all!</p> <p>Software: Excel</p> <p>Skills: spreadsheets</p> <p>Version: Guides for Office 2000, XP/2003, and 2007</p>	<p>TechnoTribute</p> <p>Honor a special person by creating a presentation that is a tribute to their life.</p> <p>Software: PowerPoint, Internet Explorer (optional)</p> <p>Skills: presentation</p> <p>Version: Guides for Office 2000, XP/2003, and 2007</p>

Senior Computer Curriculum (These projects can be used for business applications, information technology, communications, or entrepreneurial courses)		
<p>TechnoSpecialist</p> <p>Become an information technology specialist.</p> <p>Software: PowerPoint</p> <p>Skills: presentation</p> <p>Version: Guides for Office 2000, XP/2003, and 2007</p>	<p>TechnoVenture</p> <p>Develop a business plan for a store.</p> <p>Software: Word, Excel</p> <p>Skills: word processing, spreadsheet, desktop publishing</p> <p>Version: Guides for Office 2000 and XP/2003</p>	<p>TechnoPlanner</p> <p>Become an event planner, organizing celebrations.</p> <p>Software: Word, Access</p> <p>Skills: databases, word processing</p> <p>Version: Guides for Office 2000, XP/2003, and 2007</p>
<p>TechnoFlash</p> <p>Become an animator and design a Flash movie.</p> <p>Software: Macromedia Flash</p> <p>Skills: computer animation, graphics</p> <p>Version: Suitable for Flash 8 and earlier versions</p>	<p>TechnoPhotoshop</p> <p>Edit photos to create a digital scrapbook.</p> <p>Software: Photoshop</p> <p>Skills: photo editing, graphics</p> <p>Version: Suitable for CS2. Slight modifications necessary to use with earlier versions.</p>	<p>TechnoConsultant</p> <p>Consult on the business situation and offer solutions.</p> <p>Software: Word, Excel</p> <p>Skills: spreadsheets, word processing</p> <p>Version: Office 2000/XP/2003</p>

Teacher Computer Curriculum (These projects can be used for professional development purposes)				
<p>Introduction to Word</p> <p>Create a newsletter to learn about word processing.</p> <p>Software: Word</p> <p>Skills: word processing, desktop publishing</p> <p>Version: Guides for Office 2000, XP/2003, and 2007</p>	<p>Introduction to Excel</p> <p>Learn about spreadsheets by making a grade book.</p> <p>Software: Excel</p> <p>Skills: spreadsheets</p> <p>Version: Guides for Office 2000, XP/2003, and 2007</p>	<p>Technology Integration</p> <p>Explore ways to integrate ICT into learning.</p> <p>Software: Excel, Word, PowerPoint, Internet Explorer</p> <p>Skills: spreadsheets, word processing, presentation, Internet</p> <p>Version: Guides for Office XP/2003, and 2007</p>	<p>Introduction to the Internet</p> <p>Acquire fundamental knowledge of the Internet.</p> <p>Software: Internet Explorer</p> <p>Skills: Internet</p>	<p>Introduction to PowerPoint</p> <p>Create a presentation for an Open House.</p> <p>Software: PowerPoint</p> <p>Skills: presentation</p> <p>Version: Guides for Office 2000, XP/2003, and 2007</p>