

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, 2007, and 2010	TechnoCity Produce an animated report about your community. Software: PowerPoint Skills: presentation Version: Guides for Office 2000, XP/2003, 2007, and 2010	TechnoCop Become a "technocop" and bring the crooks to justice. Software: Access, Word <i>PowerPoint</i> – only for 2010 Skills: word processing, database, desktop publishing, graphics Version: Guides for Office 2000, XP/2003, 2007, and 2010
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, 2007, and 2010	TechnoAnimal Create a multimedia report on an animal. Software: Internet Explorer, PowerPoint, Paint Skills: presentation, graphics, Internet Version: Guides for Office 2000, XP/2003, 2007, and 2010	TechnoCelebrate Traditions, festivities, and celebrations in the world. Software: Access, Paint Skills: databases, graphics Version: Guides for Office 2000, XP/2003, 2007, and 2010	TechnoFit Take part in the "Be Fit Challenge". Software: Publisher, Media Player Skills: desktop publishing Version: Guides for Office 2000, XP/2003, 2007, and 2010	

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, 2007, and 2010	TechnoJourney Discover the wonders online and become a responsible digital citizen. Software: Internet Explorer Skills: Internet	TechnoBiz Develop a plan to increase candy sales. Software: Excel, Word Skills: spreadsheet, word processing, desktop publishing Version: Guides for Office 2000/XP/2003, 2007, and 2010	TechnoHero Create a multimedia presentation about your hero. Software: PowerPoint, Internet Explorer Skills: presentation, Internet Version: Guides for Office 2000, XP/2003, 2007, and 2010	
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, 2007, and 2010	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, 2007, and 2010	TechnoMovie Produce an animated story of a magical adventure. Software: PowerPoint, <i>PhotoFiltre V6</i> - only for 2000/XP/2003/2007 Skills: presentation, graphics, photo editing Version: Guides for Office 2000, XP/2003, 2007, and 2010	TechnoQuest Learn medieval facts to save the kingdom. Software: Access, Word, PowerPoint, Internet Explorer Skills: database, presentation, word processing Version: Guides for Office 2000, XP/2003, 2007, and 2010	
Level 5	TechnoCorrespondent Travel to a distant location and report the facts. Software: Word, Internet Explorer <i>Paint</i> - only for 2000/XP/2003/2007 Skills: Internet, graphics, word processing, desktop publishing Version: Guides for Office 2000/XP/2003, 2007, and 2010	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, 2007, and 2010	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, 2007, and 2010	

Intermediate Computer Curriculum					
Level 6	TechnoEditor Edit a collection of stories to make it error-free. Software: Word Skills: word processing, desktop publishing, graphics Version: Guides for Office 2000, XP/2003, 2007, and 2010	TechnoEntrepreneur Use entrepreneurial skills to operate a restaurant. Software: Excel, Word PowerPoint – only for 2010 Paint – only for 2000/XP/2003/2007 Skills: spreadsheet, graphics, word processing, desktop publishing Version: Guides for Office 2000, XP/2003, 2007, and 2010	TechnoWeb Develop an eye-catching and informative website. Software: Internet Explorer, Publisher Skills: Internet, desktop publishing Version: Guides for Office 2000, XP/2003, and 2007	TechnoNovel Create an animated book report that promotes a novel. Software: PowerPoint, Internet Explorer(optional) Skills: presentation, graphics, computer animation, Internet Version: Guides for Office 2000, XP/2003, 2007, and 2010	TechnoClue Track down the clues to solve the case. Software: Access, Paint, PowerPoint, Word Skills: database, graphics, presentation Version: Guides for Office 2007 and 2010
Level 7	TechnoEzine Publish an interactive teen magazine. Software: Word, Internet Explorer Skills: Internet, graphics, word processing, desktop publishing Version: Guides for Office 2000, XP/2003, 2007, and 2010	TechnoInvestor Buy and trade shares on the TechnoStock Exchange. Software: Excel, Word Skills: spreadsheet, word processing, desktop publishing Version: Guides for Office 2000, XP/2003, 2007, and 2010	TechnoTravel Plan a weekend getaway for tourists. Software: Internet Explorer, PowerPoint, Word Skills: presentation, Internet, word processing Version: Guides for Office 2000, XP/2003, 2007, and 2010	TechnoBiography Create an online biography that tells about an important person. Software: Internet Explorer, Publisher, Word Skills: Internet, desktop publishing, word processing, graphics Version: Guides for Office 2000, XP/2003, and 2007	TechnoMission Design a database to store mission-related data. Software: Internet Explorer, Access, Paint Skills: Internet, database, photo editing, graphics Version: Guides for Office 2000, XP/2003, 2007, and 2010
Level 8	TechnoEnvironment Raise environmental awareness. Software: Internet Explorer, Publisher, Word Skills: Internet, desktop publishing, word processing, graphics Version: Guides for Office 2007 and 2010	TechnoCEO Report to investors on company performance. Software: Excel, PowerPoint Skills: spreadsheet, presentation, graphics Version: Guides for Office 2000/XP/2003, 2007, and 2010	TechnoCommercial Create a commercial using basic video production equipment. Software: Windows Movie Maker Skills: video production Windows Version: Guides for Windows XP, Vista, and Live	TechnoHTML Develop a web page using HTML source code. Software: Internet Explorer, Notepad Skills: Internet, programming	

Camp Computer Curriculum (These projects can be used for after school clubs, computer camp, or workshop activities)				
TechnoArt Stretch the limits of the imagination. Software: Word, Paint, PowerPoint Skills: presentation, graphics, photo editing Version: Guides for Office 2000, XP/2003, 2007, and 2010	TechnoCelebrity Get the scoop on a celebrity makeover. Software: Internet Explorer, Microsoft Paint, Microsoft PowerPoint, FaceMorpher Lite Skills: presentation, Internet, photo editing, graphics Version: Guides for Office 2000, XP/2003, 2007, and 2010	TechnoKnight Become a knight by going on a "techno" quest. Software: Word, Paint, Internet Explorer, Access Skills: graphics, database, Internet Version: Guides for Office 2000, XP/2003, 2007, and 2010	TechnoPhotos Use photo editing techniques to create a pop art sensation. Software: Internet Explorer, PhotoFiltre V6 (free software) Skills: graphics, photo editing, Internet	TechnoPirate Search for treasure to find where "X" marks the spot. Software: Internet Explorer, Word or PowerPoint – only for 2010 Skills: Internet, desktop publishing, graphics Version: Guides for Office 2000, XP/2003, 2007, and 2010
TechnoProducer Lights! Camera! Action! Make a movie. Software: Movie Maker Skills: video production Version: Guides for Windows XP, Vista, and Live	TechnoSurvivor Out think, out match and out assemble on Technoland. Software: Word, Internet Explorer, Excel Skills: Internet, graphics Version: Guides for Office 2000, XP/2003, 2007, and 2010	TechnoThink Put on your thinking caps! It is time to "techno" think. Software: Excel Skills: spreadsheets Version: Guides for Office 2000, XP/2003, 2007, and 2010	TechnoTrader Become an investor. Win a million or lose it all! Software: Excel Skills: spreadsheets Version: Guides for Office 2000, XP/2003, 2007, and 2010	TechnoTribute Honor a special person by creating a presentation that is a tribute to their life. Software: PowerPoint, Internet Explorer (optional) Skills: presentation Version: Guides for Office 2000, XP/2003, 2007, and 2010

Senior Computer Curriculum (These projects can be used for business applications, information technology, communications, or entrepreneurial courses)			
<p>TechnoAdvertise Design advertisements including a flyer, catalog, and newsletter. Software: Word Skills: word processing, desktop publishing Version: Guides for Office 2007 and 2010</p>	<p>TechnoSpecialist Become an information technology specialist. Software: PowerPoint Skills: presentation Version: Guides for Office 2000, XP/2003, 2007, and 2010</p>	<p>TechnoPlanner Become an event planner, organizing celebrations. Software: Word, Access Skills: databases, word processing Version: Guides for Office 2000, XP/2003, 2007, and 2010</p>	<p>TechnoWonderland Market an amusement park. Analyze data to make decisions. Software: Word, Internet, Excel, PowerPoint, Publisher, Access Skills: word processing, Internet, spreadsheets, multimedia, desktop publishing, graphics, databases Version: Guides for Office 2007 and 2010</p>
<p>TechnoFlash Become an animator and design a Flash movie. Software: Adobe Flash Skills: computer animation, graphics Version: Guides for Flash 8 and Flash CS5</p>	<p>TechnoPhotoshop Edit photos to create a digital scrapbook. Software: Photoshop Skills: photo editing, graphics Version: Guides for CS2 and CS5</p>	<p>TechnoConsultant Consult on the business situation and offer solutions. Software: Word, Excel Skills: spreadsheets, word processing Version: Office 2000/XP/2003</p>	<p>TechnoVenture Develop a business plan for a store. Software: Word, Excel Skills: word processing, spreadsheet, desktop publishing Version: Guides for Office 2000 and XP/2003</p>

Teacher Computer Curriculum (These projects can be used for professional development purposes)				
<p>Introduction to Word Create a newsletter to learn about word processing. Software: Word Skills: word processing, desktop publishing Version: Guides for Office 2000, XP/2003, 2007, and 2010</p>	<p>Introduction to Excel Learn about spreadsheets by making a grade book. Software: Excel Skills: spreadsheets Version: Guides for Office 2000, XP/2003, 2007, and 2010</p>	<p>Technology Integration Explore ways to integrate ICT into learning. Software: Excel, Word, PowerPoint, Internet Explorer Skills: spreadsheets, word processing, presentation, Internet Version: Guides for Office XP/2003, 2007, and 2010</p>	<p>Introduction to the Internet Acquire fundamental knowledge of the Internet. Software: Internet Explorer Skills: Internet</p>	<p>Introduction to PowerPoint Create a presentation for an Open House. Software: PowerPoint Skills: presentation Version: Guides for Office 2000, XP/2003, 2007, and 2010</p>