

TechnoKids Technology Project Summary

TechnoKids technology projects are available for Microsoft Office, Office Online, Scratch, Adobe, and Google. Refer to the table to identify projects that are right for you!

	Windows and Microsoft Office						Digital Citizenship, Programming, Blog				Office Online				Adobe		Google						
	Paint	Word	PowerPoint	Excel	Access	Publisher	Web Browser	Text Editor	Scratch	Kidblog Service	Word Online	PowerPoint Online	Excel Online	Forms for Excel	Photoshop CC	Animate CC	Chrome	Drawings	Docs	Slides	Sheets	Forms	
Primary Grades 1-3																							
TechnoBookmaking			•								•						•			•			
TechnoGallery																	•	•					
TechnoMe			•								•						•			•			
TechnoPainter	•																						
TechnoStart	•																•	•					
TechnoStories		•								•							•		•				
Junior Grades 3-6																							
TechnoCandy		•	•	•						•	•	•	•				•		•	•	•	•	•
TechnoInternet							•										•						
TechnoJournal		•								•							•		•				
TechnoPresenter		•	•							•	•						•			•			
TechnoResearch		•								•							•		•				
TechnoTimeline		•	•							•	•						•		•	•			
TechnoToon			•								•						•			•			
TechnoTrivia																	•				•	•	•
Intermediate Grades 6-9																							
TechnoBiography		•								•	•						•	•	•				
TechnoBlog									•														
TechnoBudget	•	•		•						•		•					•	•	•		•		
TechnoCode									•														
TechnoDebate										•	•						•		•	•			
TechnoHTML 5							•																
TechnoMap		•	•							•	•						•		•	•			
TechnoNewsletter		•								•							•		•				
TechnoQuestionnaire																	•				•	•	
TechnoRestaurateur		•	•	•						•	•	•	•				•	•	•	•	•	•	•
TechnoTravel		•	•	•						•	•	•					•		•	•	•	•	•
Senior Grades 8-12																							
TechnoAdvertise		•																					
TechnoSpecialist			•																				
TechnoMission	•					•																	
TechnoInvestor		•		•																			
TechnoPlanner						•																	
TechnoWonderland		•	•	•	•	•																	
TechnoPhotoshop															•								
TechnoAnimate																•							

NOTE: Grade levels are suggestions.

TechnoKids Technology Project Matrix

TechnoKids technology projects are project based. The instructional materials blend the use of technology into learning. Students develop essential skills while completing activities that are fun and meaningful.



Primary Technology Projects (Grades 1-3)

Primary technology projects are for beginners. They provide a foundation for learning. Activities emphasize fundamentals. Students create artwork, write stories, make presentations, and more!

[TechnoStart](#)

Earn a computer operator license. Engage in fun activities to learn about hardware, terminology, computer rules, and keyboarding.

Software: Paint or Drawings

ICT & STEM integration: visual arts with graphic technology skills and computer fundamentals

[TechnoStories](#)

Become an author. Use templates to plan, write, edit, and illustrate stories. Share the books during story time with friends or family.

Software: Word or Docs

ICT & STEM integration: language arts with word processing technology skills

[TechnoMe](#)

Design an *All About Me* slide show. Outline personal information, accomplishments, goals, and interests in a mini biography.

Software: PowerPoint or Slides

ICT & STEM integration: social studies with presentation technology skills

[TechnoPainter](#) or [TechnoGallery](#)

Spark creativity! Produce unique artwork using digital tools. Develop fine motor skills to paint original images and display them in a gallery.

Software: Paint or Drawings

ICT & STEM integration: visual arts with graphic technology skills and computer fundamentals

[TechnoBookmaking](#)

Publish a collection of books. Create a tiny picture book, flip flap story, unfolding riddle book, layer book of facts, bookmarks, card, and more!

Software: PowerPoint or Slides

ICT & STEM integration: language arts with word processing technology skills



Junior Technology Projects (Grades 3-6)

Junior technology projects are for elementary students. They focus upon essential skills. Activities promote the practical application of technology. Students become responsible digital citizens, conduct research, animate graphic stories, and more!

[TechnoJournal](#)

Express ideas and describe experiences in a journal. Reflect upon an event, make a note of favorite things, and list personal wishes.

Software: Word or Docs

ICT & STEM integration: language arts with word processing technology skills

[TechnoInternet](#)

Embark on an online expedition to become a responsible digital citizen. Apply search strategies, access digital resources, and communicate safely.

Software: web browser

ICT & STEM integration: digital citizenship and Internet technology skills

[TechnoPresenter](#)

Present information effectively. Summarize facts using a slide show and organize speaker notes. Deliver a speech to an audience.

Software: PowerPoint/Word or Slides/Docs

ICT & STEM integration: public speaking and research with presentation technology skills

[TechnoResearch](#)

Research to design a fact card. Apply strategies to retrieve quality information from reliable sources. Combine images and text in a one-sheet report.

Software: Word or Docs

ICT & STEM integration: language arts with word processing technology skills

[TechnoCandy](#)

Devise a strategy to boost candy sales. Conduct a survey and study packaging to investigate a problem. Recommend a solution based on the evidence.

Software: Excel/PowerPoint/Word, or Sheets/Slides/Docs/Forms

ICT & STEM integration: math and problem solving with spreadsheet technology skills

[TechnoToon](#)

Animate a graphic story. Plan the characters, setting, and plot. Divide the scenes using transitions. Time events to produce a one-of-a-kind cartoon.

Software: PowerPoint or Slides

ICT & STEM integration: language arts with presentation and animation technology skills

[TechnoTrivia](#)

Invent a trivia game. Formulate questions to test knowledge about a topic. Set the answer key to calculate points. Analyze quiz results.

Software: Google Forms

ICT & STEM integration: math and social studies, with information management skills

[TechnoTimeline](#)

Explain the significance of events with a timeline. Research a topic to connect important moments in time. Display information using a graphic organizer.

Software: PowerPoint or Slides

ICT & STEM integration: social studies and history with presentation technology skills



Intermediate Technology Projects (Grades 6-9)

Intermediate technology projects are for middle or high school students. They develop proficiency in using ICT applications. Activities emphasize critical and creative thinking. Students design publications, analyze data, code web pages, and more!

[TechnoNewsletter](#)

Publish a fan club newsletter. Write an informative article, construct a word search, and express an opinion. Format pages to lay out content attractively.

Software: Word or Docs

ICT & STEM integration: language arts with word processing technology skills

[TechnoRestaurateur](#)

Launch a business venture. Plan a restaurant concept, conduct a survey, create a logo, generate funds, build a floor plan, manage finances, and more!

Software: Excel/PowerPoint/Word or Sheets/Slides/Docs/Drawings/Forms

ICT & STEM integration: math and entrepreneurship with ICT skills

[TechnoTravel](#)

Promote a weekend getaway for tourists. Research trip details. Customize a slide master to create a unique marketing tool that persuades visitors to vacation.

Software: Excel/PowerPoint/Word or Sheets/Slides/Docs

ICT & STEM integration: language arts and geography with presentation skills

[TechnoBiography](#)

Celebrate a remarkable person. Format the bio using styles, graphic organizer, and media artifacts table. Build a table of contents. Cite sources in a bibliography.

Software: Word or Docs/Drawings

ICT & STEM integration: language arts and history with word processing technology skills

[TechnoBudget](#)

Justify a spending plan for a shopping trip. Calculate, and graph data to form a budget. Report financial choices and explain money management strategy.

Software: Excel/Paint/Word or Sheets/Drawings/Docs

ICT & STEM integration: math and financial literacy with spreadsheet technology skills

[TechnoMap](#)

Highlight the importance of a location by constructing an interactive map. Connect facts about an area or issue using markers and hyperlinks.

Software: PowerPoint /Word or Slides/Docs

ICT & STEM integration: geography or history with presentation technology skills

[TechnoCode](#)

Spark an interest in computer science. Design an Activity Studio for kids using Scratch. Build games, puzzles, and games.

Software: Scratch

ICT & STEM integration: computer science and programming skills

[TechnoHTML5](#)

Develop a web page using HTML and CSS. Write code to set the style of the background, text, lists, graphics, hyperlinks, and tables. Upload to share.

Software: Notepad or other text editor

ICT & STEM integration: computer science and programming skills

[TechnoDebate](#)

Collaborate with a partner to debate the pros and cons of an issue. Create an animated conversation that presents a persuasive argument. Defend a position.

Software: PowerPoint Online or Slides

ICT & STEM integration: language arts and debate techniques with presentation technology skills

[TechnoBlog](#)

Become a blogger. Write a series of blog posts based on personal experience. Participate in an online community. Learn to express ideas appropriately.

Software: blogging service (e.g. Kidblog.org)

ICT & STEM integration: digital citizenship and language arts with blogging technology skills

[TechnoQuestionnaire](#)

Investigate a research question. Select a sample and construct a questionnaire. Conduct a pre-test to tweak the design. Analyze data to interpret findings.

Software: Google Forms

ICT & STEM integration: math and the scientific process with information management skills



Senior Technology Projects (Grades 8-12)

Senior technology projects are for middle or high school students. They prepare students for higher learning and career readiness. Activities emphasize real-world applications of technology. Students market products, build databases, and more!

[TechnoWonderland](#)

Manage an amusement park to learn about Microsoft Office. Produce a flyer, design a map, create signs, poll customers, advertise rides, and more!

Software: Word, Excel, PowerPoint, Publisher, Access

ICT & STEM integration: computer studies with ICT skills

[TechnoInvestor](#)

Buy and sell stocks on the TechnoStock Exchange. Track the investments and graph future earnings. Report the portfolio holdings and justify decisions.

Software: Excel, Word

ICT & STEM integration: financial literacy with spreadsheet technology skills

[TechnoMission](#)

Manage data. Plan a simple database. Build a table and data entry form. Filter and sort records. Generate a report that summarizes information.

Software: Access, Paint

ICT & STEM integration: computer studies with database technology skills

[TechnoAdvertise](#)

Role play a marketing executive. Submit a cover letter and résumé to apply for the job. Once hired, design a flyer, catalog, custom mailer, and newsletter.

Software: Word

ICT & STEM integration: marketing with word processing technology skills

[TechnoSpecialist](#)

Develop an information package about hardware. Explain the attributes of computer components to educate the public in making purchasing decisions.

Software: PowerPoint

ICT & STEM integration: computer hardware with presentation technology skills

[TechnoPlanner](#)

Construct a database for a party planning business. Build tables, forms, queries, and reports to organize customer and event information.

Software: Word, Access

ICT & STEM integration: business studies with database systems

[TechnoPhotoshop](#)

Edit photos to produce a digital scrapbook. Filter, retouch, crop, warp, recolor, and superimpose images. Apply design techniques to lay out pages.

Software: Adobe Photoshop CC

ICT & STEM integration: media arts with graphic design and photo editing

[TechnoAnimate](#)

Animate drawings to make a movie. Create scenes with motion tweens, shape tweens, and motion paths. Set the action and sound on the Timeline.

Software: Adobe Animate CC

ICT & STEM integration: media arts with animation technology skills