

TECHNOkids®

Technology Projects for K-12 Students

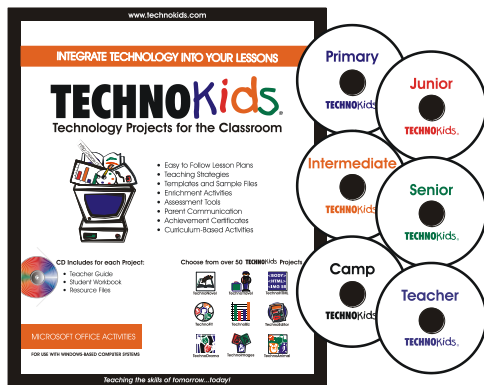
MICROSOFT OFFICE ACTIVITIES
FOR USE WITH WINDOWS-BASED COMPUTER SYSTEMS

What is TechnoKids Computer Curriculum?

TechnoKids Computer Curriculum is a collection of technology projects that teach computer skills.

Technology projects are available in 6 categories.

- Primary
- Junior
- Intermediate
- Senior
- Camp
- Teacher



What are Technology Projects?

A technology project is a set of theme-based activities that use the computer to create:

- reports
- stories
- poems
- presentations
- posters
- videos
- websites
- magazines
- articles

A technology project includes materials such as a teacher guide, student workbook, and resource files.

What is project-based learning?

TechnoKids Computer Curriculum uses a project-based approach to learning. Instead of students learning technology skills in isolation, they learn them in the context of completing a project.

Project-based learning allows each child to select a topic based on their interests. However, everyone in the class learns the same technology skills. This approach promotes critical and creative thinking by using the computer as a problem solving tool.

What is a teacher guide?

A teacher guide is the manual that contains the instructions needed to complete a project. A teacher guide is divided into sessions.

Each session introduces a new “big idea” or problem solving task that directly relates to the theme of the project. The session is then divided into assignments which are small steps needed to complete the task.

Each session includes:

- material list
- detailed lesson plans
- preparation steps
- review questions
- learning objectives
- extension activities

What is a student workbook?

Student workbooks contain step-by-step instructions about how to use the computer to complete the assignment. The use of student workbooks is optional.

Student workbooks also contain worksheets that include fill-in-the-blank, short answer, and multiple choice questions. Student workbooks are designed so that students can work independently to complete lesson activities.

What are teacher resources?

Teacher resources are digital files that aid during instruction. Teacher resources include:

- assessment tools
- flashcards
- sample files
- templates
- extension activities
- Internet favorites

TechnoKids technology projects:

- ✓ integrate into curriculum
- ✓ meet academic requirements
- ✓ include customizable resources
- ✓ have easy to follow instructions
- ✓ contain tools to evaluate progress
- ✓ offer fun activities for students
- ✓ offer meaningful learning opportunities

How do I select a technology project to teach?

There are several ways to select a project:

- Follow the Project Matrix. This document organizes each technology project by *grade*.
- Look at your curriculum. Pick a technology project that *integrates* into curriculum units you have already planned.
- Consider technology skill. Pick a technology project that focuses on a particular *skill area*.
- Talk to your students. Pick a technology project based on *student interest*.

How long does it take to teach a project?

A typical technology project is divided into 7 sessions. A session takes approximately 45-90 minutes to complete depending on the grade.

A typical technology project takes 6-8 weeks to complete if students visit the computer lab twice a week; 2-3 weeks if using the lab every day. Extra time may be needed for review questions, skill review, or extension activities.

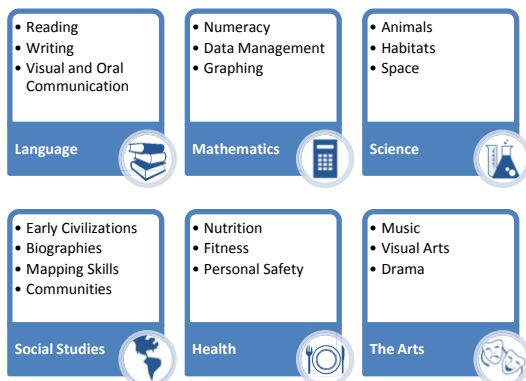
What software do I need?

Most technology projects use Microsoft® and Adobe® applications such as:

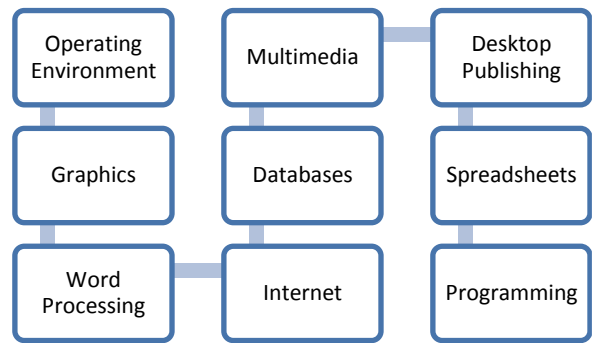
- Word
- Excel
- Publisher
- PowerPoint
- Access
- MovieMaker
- Paint
- Flash
- Photoshop

Purchase one technology project or order an entire set.

How do the technology projects integrate?



What technology skills are taught?



Choose from over 50 technology projects:



TechnoCity

In this project, students produce a PowerPoint presentation about the city where they live. Their presentation includes a street map, weather report, and information about community helpers.



TechnoSales

In this project, students use a problem solving model to plan a bake sale. They use Excel to organize, calculate, and graph data. This information is used to make the sale a success.



TechnoEzine

In this project, students publish a teen magazine using Word. The ezine contains a cover, movie review, music article, and trend report. To create the content of the ezine students learn advanced word processing skills.



TechnoBiography

In this project, students publish a biography about a historical figure in the form of a web page. Using Publisher, students organize facts onto multiple pages to create a site that is informative.



TechnoHTML

In this project, students make a web page using HTML. They learn how to format text, insert pictures, create a scrolling marquee, add hyperlinks, customize the background, and include meta tags.



TechnoTravel

In this project, students plan a weekend getaway. To start, they research a travel destination. The information is then organized onto PowerPoint slides to create a travel advertisement.

TECHNOkids®

Contact Us to Learn More!

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