Digital Literacy and Coding Curriculum

Over 40 projects with lessons to integrate technology and support STEM education.
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Our mission is to combine education and technology to provide children with the core computing skills that will best prepare them for the future.
About Us

TechnoKids publishes digital literacy and coding curriculum. Our mission is to combine education and technology to provide children with the core computing skills that will best prepare them for the future.

Our story began in 1993, when Scott Gerard opened the first TechnoKids learning center in Oakville, ON, Canada. As computers became widely available in education, our office moved into a school. Alongside teachers, we started to develop project-based activities to support technology integration and STEM.

Today, there are "techno" kids in over 50 countries. Although applications and devices are different, our commitment remains the same. Every day we strive to develop creative, meaningful lessons that empower students.

About Our Curriculum

Any Device
Digital literacy activities can be used on a Windows, Mac, or Chromebook

Download Instantly
Access Google, Microsoft, Adobe, and coding lessons from an online library.

Project-Based
Each technology project includes a teacher guide, workbook, and resources.

Import into LMS
Work from school or home. Upload files into a Learning Management System.

Unlimited Users at Site
No need to count students or devices. Ideal for schools and learning centers.

No Renewal Fee
Pay a one-time fee. Updates are free. Purchase is not a subscription.
Choose the Right Project for Your Students

TechnoKids has over 40 technology projects. Answer the questions to find projects that fit your students’ needs.

What is the grade level of your students? Match the Collection to students’ grade level.

- **PRIMARY** Grades 1-3
- **JUNIOR** Grades 3-6
- **INTERMEDIATE** Grades 6-8
- **SENIOR** Grades 8-12

Which project should you pick from a grade level? Determine the instructional goal.

- **TECH INTEGRATION** Theme or task supplements an existing unit.
- **TECH SKILL** Digital literacy or coding skill course requirement.

Which applications are available? Narrow down the project based on software availability.

- **GOOGLE** Docs, Slides, Sheets, Drawings, Forms, Sites
- **MS OFFICE** Word, PowerPoint, Excel, Access, Publisher
- **CODING** ScratchJr, Scratch, HTML & CSS, Python
- **ADOBE** Photoshop, Animate
Primary Projects

A collection of 9 projects teach **fundamental** skills. Publish stories, create a digital art gallery, design a slide show, and more!

**TechnoBookmaking**
Publish accordion, flip, & folding books.

**TechnoFit**
Design a food guide, poster, and menu.

**TechnoGallery**
Paint artwork and display in a gallery.

**TechnoPainter**
Draw, color, and edit artwork using Paint.

**TechnoStart**
Earn a computer license.

**TechnoStories**
Write stories with templates.

**TechnoTales**
Code a fairy tale. Animate events.

**TechnoMe**
Create an All About Me slideshow.

**TechnoWhiz**
Explore ScratchJr to code scenes and games.
Junior Projects

A collection of 14 projects teach **essential** technology skills. Code a game, design a report, animate a cartoon, graph data, and more!

**TechnoCandy**
Analyze data to boost candy sales.

**TechnoEditor**
Edit a publication. Gain word processing skills.

**TechnoInternet**
Become a responsible digital citizen.

**TechnoJournal**
Journal about personal experiences.

**TechnoPresenter**
Create a presentation with speaker notes.

**TechnoResearch**
Design a fact card about a topic.

**TechnoToon**
Animate story events in Slides or PowerPoint.
TechnoArcade

Code games using Scratch.

Step-by-step instructions guide beginners to build original games such as Jumble Tumble, Let's Jam, and Mystery Island.

"This product is easy to teach and the students are engaged. The teacher guide is a great resource and easy to use. Love Technokids Projects!!

K. Russell, Coral Academy of Science MS, Reno, NV, USA

TechnoSite
Build a site with links to fun places for kids.

TechnoSales
Calculate and graph data for a bake sale.

TechnoRace
Code a game. Score points. Avoid obstacles.

TechnoTimeline
Summarize significant events.

TechnoTrivia
Invent a trivia game for friends to play.

TechnoTurtle
Program using the Python Turtle Library.
Intermediate Projects

A collection of 14 projects develop proficiency. Publish a biography, program a treasure hunt, build a website, and more!

TechnoBiography
Celebrate a person’s achievements.

TechnoBot AI
Solve problems using artificial intelligence.

TechnoBudget
Budget a shopping trip. Justify decisions.

TechnoCode
Code animations and games.

TechnoDebate
Debate the pros and cons of an issue.

TechnoEnvironment
Create publications to raise awareness.

TechnoFuture AI
COMING SOON!

TechnoHTML
Develop a web page using HTML and CSS.

TechnoEarth
Build an infographic using Google Apps.

TechnoMap
Design an interactive map about any topic.
TechnoPython

Program a series of games.

Do more than copy lines of codes. Use Python text-based programming to design original programs. Develop scripts using variables, loops, functions, and conditionals.

Pet Monster Rescue Mission
Ask questions to match a person to their pet using logic.

Guess It Mission
Build a guessing game. Can the player guess the number?

Adventure Quest Mission
Create a text-based adventure. Players earn coins and rewards.

"You guys are the best! My students that used your lessons 5 years ago still talk about them and how much more computer literate they are than their fellow college students because of them. Keep up the good work!"

D. Cash, The Children's Haven School, Austin, MD, USA

TechnoNewsletter
Create a fan club newsletter.

TechnoQuestionnaire
Investigate an issue. Interpret results.

TechnoRestaurateur
Launch a business venture.

TechnoTravel
Advertise a weekend getaway.
Senior Projects

A collection of 9 projects emphasize **real-world** applications. Prepare students for future learning and careers.

**TechnoAd**
- Analyze data to produce a video ad.

**TechnoAdvertise**
- Apply for a job at the TechnoAd Agency.

**TechnoAnimate**
- Animate with motion and shape tweens.

**TechnoInvestor**
- Trade stocks. Build an investment portfolio.

**TechnoSpecialist**
- Create an info packet on hardware.

**TechnoPlanner**
- Operate an event planning business.

**TechnoMission**
- Organize data in a database.

**TechnoPhotoshop**
- Retouch, crop, and superimpose images.

**TechnoWonderland**
- Promote an amusement park.

**Word & Excel**
- New Attractions Survey Report
- Problems: Analyze survey results and create a report.
- Attractions:
  - Options for new additions
  - Visitor preferences
  - Financial implications
- Survey Results:
  - Data analysis and graphs
  - Recommendations
- Solution:
  - Implement new attractions based on data

**PowerPoint**
- Tornado Coaster
- Publisher
- Access

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www.technokids.com
Price List

TechnoKids Curriculum is designed for classroom teachers, computer instructors, media specialists, librarians, and computer science educators. When you buy a project or Collection your school is granted a site license.

About the Site License

- Use TechnoKids Curriculum at a **single location** such as a school.
- No need to count teachers, students, or devices.
- Multiple site discounts available.

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<thead>
<tr>
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<th>per site</th>
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</thead>
<tbody>
<tr>
<td><strong>Project</strong></td>
<td>$49</td>
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<td><strong>Primary Collection</strong></td>
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<td><strong>Senior Collection</strong></td>
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<td>9 projects</td>
<td></td>
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<tr>
<td><strong>Complete Collection</strong></td>
<td>$699</td>
</tr>
<tr>
<td>All TechnoKids projects</td>
<td></td>
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</tbody>
</table>

**A site is a single location**, such as a primary school, elementary school, middle school, high school, learning center, or home school.
TechnoHub

When you purchase TechnoKids Curriculum you are given a TechnoHub account. TechnoHub is an online library. Teachers must sign in to download technology projects.

About Your Online Library

- Never lose your files.
- Login online from any device, anywhere, any time.
- Download instructions that match your software.
- New projects are automatically added to purchased Collections.
- Access toolbar summaries and flashcards from a Resource Center.
Frequently Asked Questions

How long does it take to teach each project?

Each assignment in a project takes 30–60 minutes. Students that have lessons twice a week can complete a project in 360–600 minutes or about 6–8 weeks. A project can be finished in about 2–3 weeks if class time is allocated every day.

How many projects can I teach in one year or semester?

You can complete between 3–5 projects per school year at the elementary school level. A high school student would be able to achieve the same number per semester.

What do I get when I purchase a technology project?

A project includes a PDF teacher guide, PDF student workbook, and resources. Personalize instructions using customizable assessment tools, examples, templates, and handouts.

What hardware is required?

Assignments can be completed using any desktop computer, tablet, or laptop. This includes Windows devices, Chromebooks, and iPads.

What software is required?

The software you require depends on the project you intend to teach:

- **PDF Reader**: To view the teacher guide and student workbook files students must have access to a PDF reader such as Adobe Reader or Kami.
- **Google or Microsoft Office**: Projects are available for Google and Microsoft Office.
- **Programming Apps**: TechnoKids has several programming projects. They require an HTML Text Editor (Notepad or web-based), Scratch, ScratchJr, or IDLE Python.
- **Adobe**: Two projects use Photoshop and Animate. This requires an Adobe subscription.

Will TechnoKids projects work with my Learning Management System (LMS)?

Teachers can create assignments and distribute worksheets, templates, or samples using the features of their LMS (e.g., Google Classroom, Schoology, Canva, or Microsoft Teams).

Do I get free curriculum support?

Yes. Call 1-800-221-7921 or email support@technokids.com.
Contact Us

TechnoKids Inc.
55 King Street East,
PO Box 451,
Thornbury, ON N0H 2P0
Canada
Phone: 1-905-631-9112
Toll: 1-800-221-7921
Fax: 1-905-631-9113
information@technokids.com

Resources

Scope and Sequence

Project-Based Learning

Curriculum Standards

Getting Started
https://www.technokids.com/support/getting-started.aspx

TechnoKids and Google Classroom
https://www.technokids.com/support/google-classroom.aspx

Frequently Asked Questions