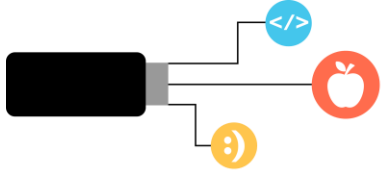
Are you spending too much time planning technology skills lessons for your K-5 students?



TECHNOLOGY CURRICULUM
BRITTANY WASHBURN

The k5tech.net Elementary Technology Curriculum includes over **200 lessons and activities** for grades K-5 in a click-and-go format that takes all of the planning off your busy plate.

IS THIS CURRICULUM FOR YOU?

This is ideal for a technology teacher, media specialist, tech facilitator, or grade level teachers with mandatory lab time. All of the setup work is done for you!
This is a good fit for you if:

- ✓ By the end of the year, you want students who can log in, navigate a website, access any programs, type efficiently, and use *technology to learn*.
- ✓ You want students who are *confident in using the technology* required for standardized testing.
- ✓ You have *limited time*– in one 45-minute session per week, your students can develop technology literacy while completing engaging projects.
- ✓ You need it to be nearly **effortless for YOU** and fun for your students.

The lesson plans include the ISTE Standards for Students, and I Can Statements

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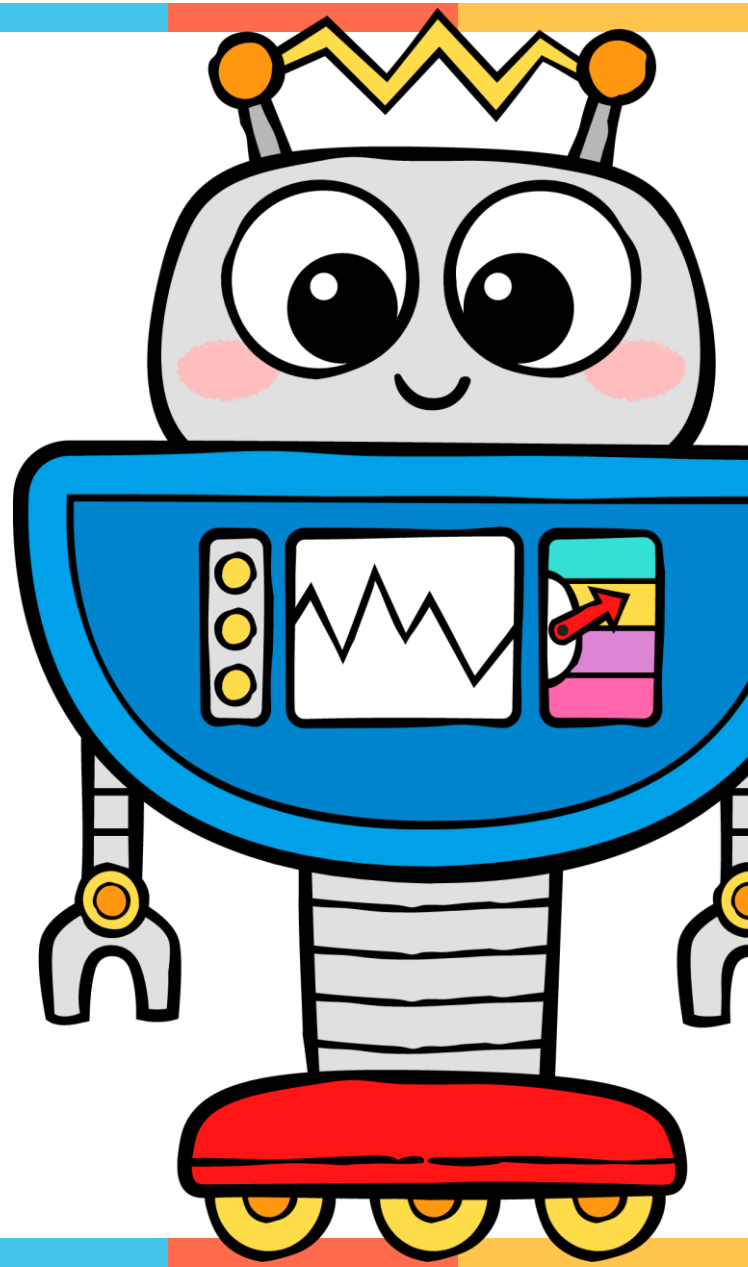
Skills Addressed:

- Computer Basics and procedures
- Mouse/Trackpad skills
- Keyboarding (Typing skills)
- Digital Citizenship & Internet Safety
- Online Research Skills
- Creativity with Tech Tools
- Software Programs (Both Google Apps and Microsoft Office)
- Coding (Computer Science)



Where did this curriculum come from?

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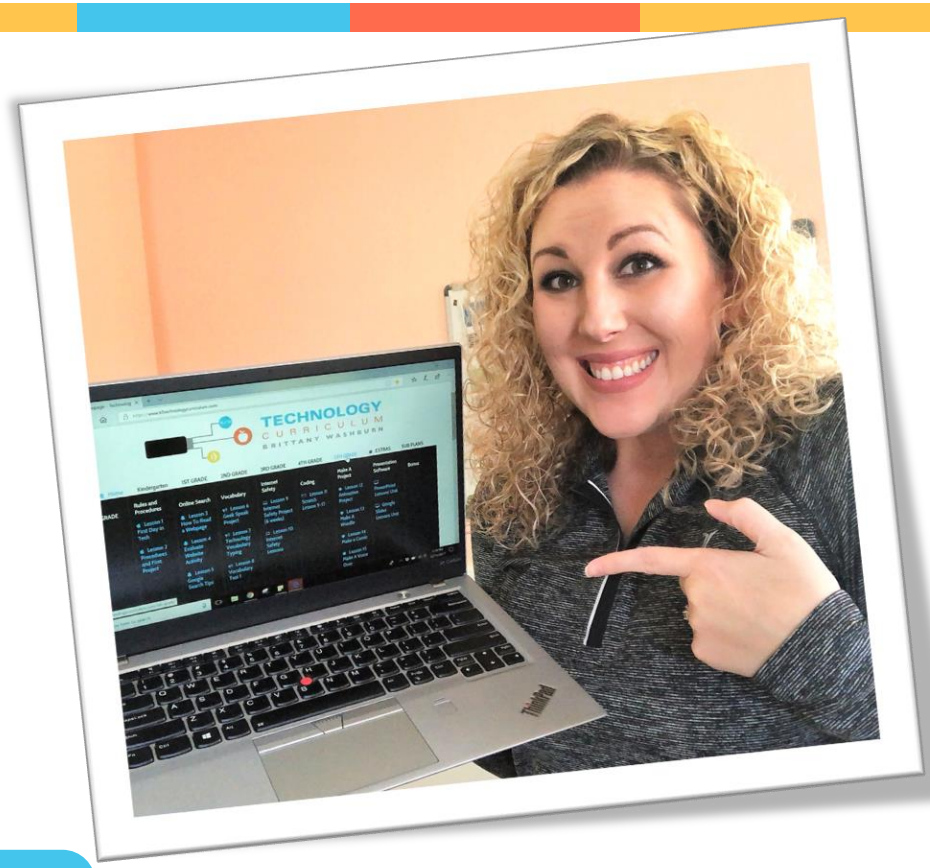
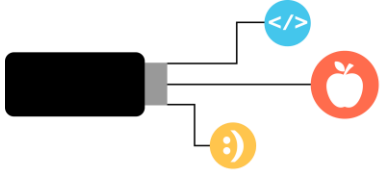
This curriculum was first created out of necessity. I landed a job as a K-5 technology teacher but was provided absolutely *nothing* for materials for my technology specials. I was spending my nights and weekends scouring Pinterest and Google for ideas. I knew my students deserved engaging lessons even if I had to do everything from scratch.

I found myself exhausted and frustrated and just knew there had to be an easier way. That is when I discovered the *magic* of having my own class website and screencasting my instructions. I created a modified-flipped-classroom before I even knew that was a thing. Students were working at their own pace, and they stopped asking me to repeat instructions. I felt like I had struck gold!

I developed a full ISTE Standards curriculum, tested and perfected the activities with my students, and now I've made them available to you!



Check these before subscribing



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WHAT YOU NEED IN ORDER TO USE THIS CURRICULUM:

1. A way to share the link with students. The Subscription includes an Auto Login URL for students. Simply share the URL with students and it logs them in automatically. Great for little ones! *Cookies must be enabled on your student devices for this to work.
2. Laptops or desktops are ideal (PC or Chromebooks).
3. There are YouTube and Vimeo videos to supplement the lessons. If you don't have access to Vimeo or YouTube, you can accomplish the same objective by doing a demonstration yourself.
4. Student instructional videos are embedded into the site via my Vimeo account. You may need to ask your school or district to whitelist Vimeo.
5. Access to either Google Apps or Microsoft Software programs for students.
6. Up to date web browser. All lessons have been tested in Chrome, Firefox, Edge, and Safari (desktop versions).

Everything you need!

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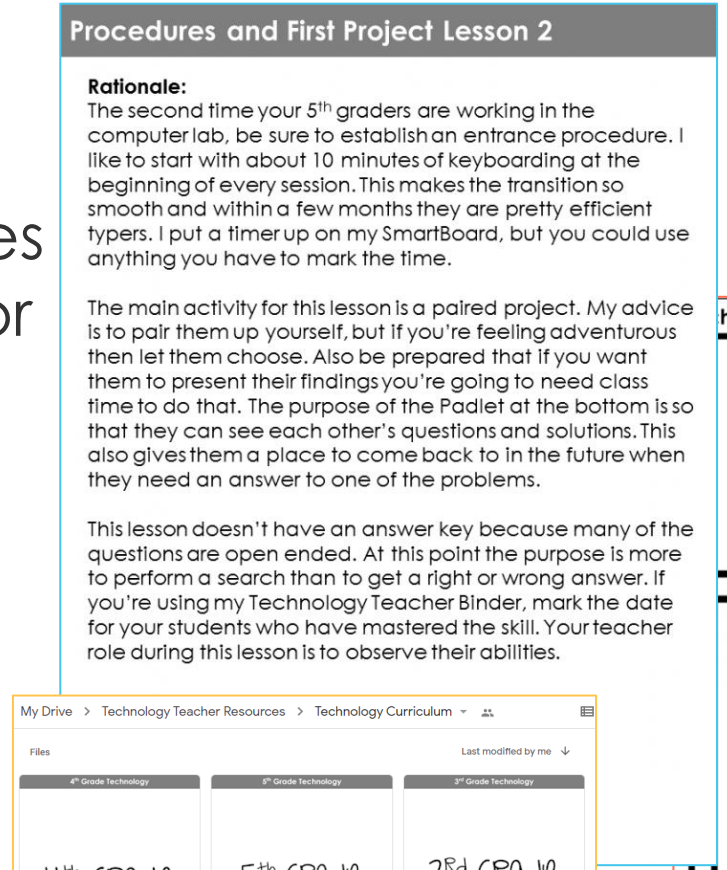
Each lesson or project includes:

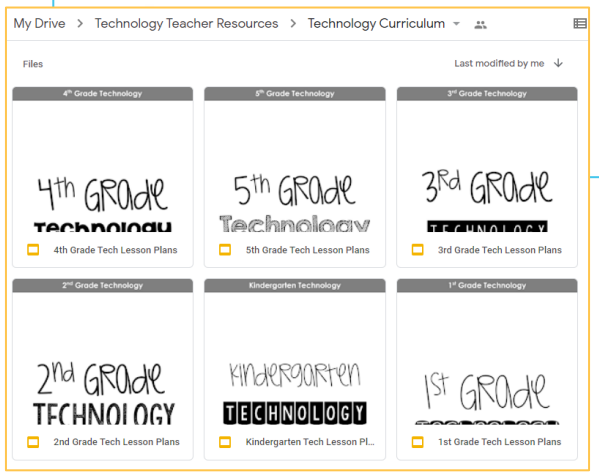
- **Printable and editable** lesson planning pages and rationale pages where I explain the how and why for each lesson or unit
- Grade level binder covers
- Unit separators
- Web page with all of the lesson components for students to access and complete
  - Objectives
  - Warmups
  - Main activity
  - Early finisher activities

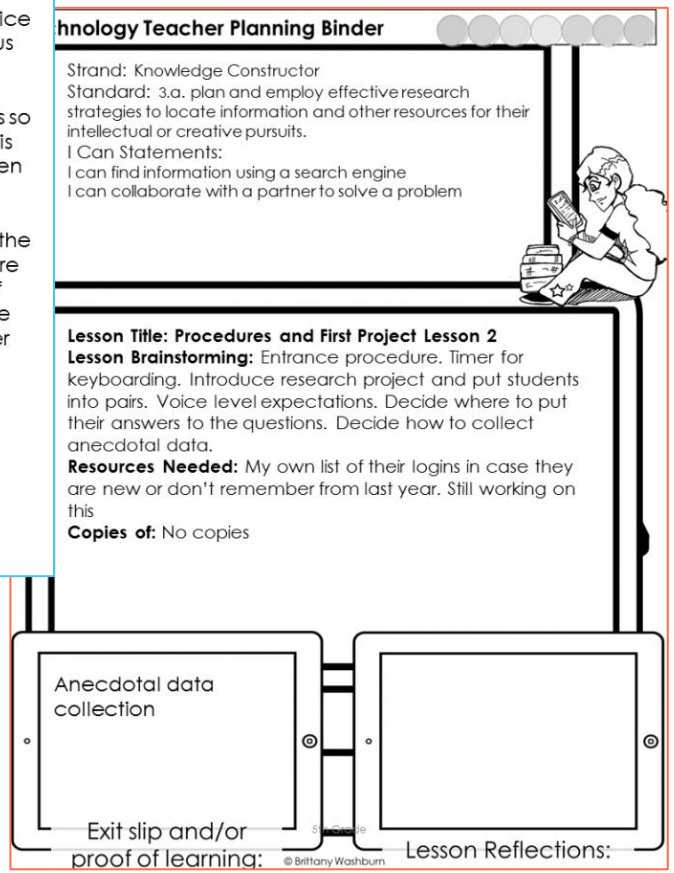

Procedures and First Project Lesson 2

Rationale:
The second time your 5th graders are working in the computer lab, be sure to establish an entrance procedure. I like to start with about 10 minutes of keyboarding at the beginning of every session. This makes the transition so smooth and within a few months they are pretty efficient typers. I put a timer up on my SmartBoard, but you could use anything you have to mark the time.

The main activity for this lesson is a paired project. My advice is to pair them up yourself, but if you're feeling adventurous then let them choose. Also be prepared that if you want them to present their findings you're going to need class time to do that. The purpose of the Padlet at the bottom is so that they can see each other's questions and solutions. This also gives them a place to come back to in the future when they need an answer to one of the problems.

This lesson doesn't have an answer key because many of the questions are open ended. At this point the purpose is more to perform a search than to get a right or wrong answer. If you're using my Technology Teacher Binder, mark the date for your students who have mastered the skill. Your teacher role during this lesson is to observe their abilities.





Everything you need!

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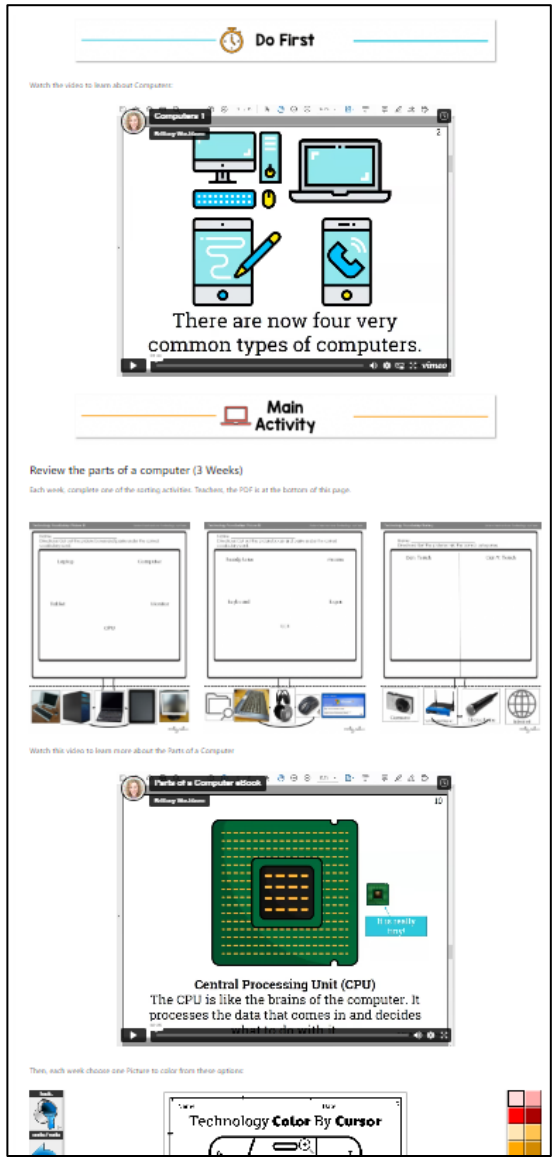
In addition to the teacher plans, each lesson plan or project includes a **web page with linked prompts, directions, and activities** (like a workbook but digital).

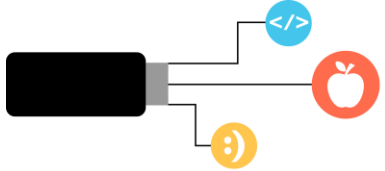
Students log in to the site using your custom URL (or they can type the class username and password) and then pick that day's lesson from the menu and get to work.

All you have to do is demo the lesson to them and then facilitate while they work on the activities.



Early Finisher activities and emergency sub plans are provided so your planning is complete!

Everything you need!



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There are several sample lesson pages you can look at to see how it all works:

Kindergarten
- Keyboard Arrows
- Counting Activity

First Grade
- Typing Practice
- Fairy Tale Activity

Second Grade
- Build a City
- Hour of Code

Third Grade
- Code an Avatar
- Typing Olympics

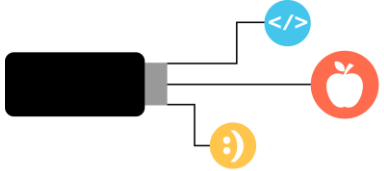
Fourth Grade
- All About Online Search
- Make a Web Page

Fifth Grade
- Animation
- Internet Safety Project

As you can see, there is a combination of digital activities built right onto the pages and external links.

- ✓ Easy access for even your youngest students!
- ✓ Everything is set up for you!
- ✓ Directions, screencasts, early finisher activities, everything your students need to be successful with just an intro or demo from you!

Units Included



TECHNOLOGY CURRICULUM
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Kindergarten:

- Mouse/ Trackpad Skills
- Parts of a Computer
- Navigating a Device for Learning
- Keyboard Arrows
- Keyboard Letters and Numbers
- Math and ELA Digital Activities (to practice the mouse and keyboard)
- Internet Safety

1st Grade:

- Mouse/ Trackpad Skills
- Parts of a Computer
- Navigating a device
- Keyboard
- Internet Safety
- Computer Skills
- Word / Docs

2nd Grade:

- Keyboarding
- Computer Vocabulary
- Internet Safety
- Hour of Code
- Creation Tools
- PowerPoint / Google Slides
- Word / Docs

3rd Grade:

- Internet Safety
- Word /Docs
- PowerPoint / Google Slides
- Excel / Google Sheets
- Internet Search
- Typing

4th Grade:

- Online Research skills
- PowerPoint / Google Slides
- Coding
- Computer Vocabulary
- Word processing and Typing
- Internet Safety
- Google Sheets/ Excel

5th Grade:

- Creativity tools
- Research skills and practice
- Internet Safety Research Project
- Word processing and Typing
- Coding
- PowerPoint / Google Slides
- Spreadsheet Software

Kindergarten Lessons

These are the lesson titles you will find in this resource:

Rules and Procedures

1. How to's
2. Parts of the Computer
3. How to use the Internet

Mouse Practice

1.Mouse Practice 1-11 (repeat to mastery. Includes academic content with learning games)

- Can be used for mouse or trackpad
- Hover, click, click and drag (drag and drop), double click, right click, scroll

2.Mouse and Spacebar 1-2

Keyboard Practice

1. Keyboard Introduction
2. Keyboard Arrows 1-4
3. Keyboarding 1-2
4. Sequencing, 2 lessons

ELA Practice (reviews mouse/trackpad, keyboard, and website navigation)

1. Spelling Words
2. Sight Words
3. Typing Sight Words

Math Practice (reviews mouse/trackpad, keyboard, and website navigation)

1.Math Practice 1-6

- Counting and cardinality
- Counting to tell number of objects
- Compare numbers
- Operations and algebraic thinking
- Base ten
- Measurement

Internet Safety

1.Internet Safety 1-5

- Internet safety overview
- Downloading
- Screen time
- Online friends
- Unit overview

Read the blog post with FAQs for the Kindergarten technology curriculum.

Watch these video demos:

1. Sequencing
2. Mouse practice 1
3. Mouse practice 2
4. Keyboarding
5. Compare numbers

1st Grade Lessons

Rules and Procedures
1. How to's
2. Computer Parts 3 week unit (comes with printable worksheets)
3. How to use the Internet
4. Save to Favorites

Mouse and Keyboard Practice
1. Mouse Practice (repeat as many times as needed)
2. Keyboard Arrows (repeat until mastered)
3. Memory Match
4. Paint and Make
5. Alphabet Order

Internet Safety
1.Internet Safety 1-4
- Digital activities to go with Common Sense Media Curriculum
- Private and personal information
- Netsmartz Into the Cloud videos

Computers and Academics (mouse and keyboard practice with academic content)
1. Math with Computers 1 and 2
2. Addition Game
3. Reading with Computers 1 and 2
4. Make a Secret Message
5. Make a Story

Word Processing
1.MS Word OR Google Docs
- Typing in Word
- Changing the Fonts
- Adding Pictures

2.Typing Practice
3.Writing with Computers

Presentation Software
1.PowerPoint 1-3 OR Google Slides 1-3
- Adding pictures
- Fonts and text
- Slide layouts

Research
2. Research Skills Lessons
- Research steps
- Keywords
- Taking notes
- Giving credit

3.Group Research Project

Coding Unit
1. First Grade Coding
2. Conditionals Unit

Read the blog post with FAQs for the 1st grade technology curriculum.
Watch these video demos:
1. Typing Practice
2. Memory Match
3. Math with Computers
4. Research Skills
5. Computer parts

2nd Grade Lessons

Rules and Procedures
1. How to's
2. Windows
3. Computer Skills
4. Technology Vocabulary 1-3

Typing
1. Typing Practice 1
2. Typing Stamina Building 2-6
3. Typing Lesson 7

Word Processing
1.Microsoft Word OR Google Docs
- Layering text and graphics
- Spell Check
- Making lists

Presentation Software
2.PowerPoint OR Google Slides
- Add slides and change layout
- Pictures and backgrounds
- Type text in a box

Hour of Code
1. Hour of Code

Internet Safety
1. Internet safety 1-3
2. The Internet

Make A… Projects
1. Pixel Art
2. Make a Leaf Creature
3. Build a City
4. Friendly Letter
5. The Internet
6. Copy and Paste Practice
7. Make a Book Cover

BONUS Activities if you have time:
- Color coded typing digital flash cards
- Tech vocab word search
- Digital breakouts
- Drag and drop practice

Read the blog post with FAQs for the 2nd grade technology curriculum.
Watch these video demos:
1.How Tos
2.Typing Practice
3.Google Docs
4.Copy and Paste Practice
5.Computer Vocab

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3rd Grade Lessons

Rules and Procedures
1.First Day in Technology rules and vocabulary review

Word Processing
1.Word Processing 1-5
2.Word Processing Test
3.Word Processing Typing
4. Alternate word processing modules – 5 weeks
    1. Fonts
    2. Text
    3. Lines
    4. Spacing
    5. Lists

Internet Safety
1.Internet Safety 1-6
    1. Online safety rules
    2. Online communication
    3. Passwords
    4. Cyberbullying
    5. Assessment

Typing
1.Typing Olympics (4 Weeks)
2. Color coded typing 2 weeks

Presentation Software
1.PowerPoint OR Google Slides
    1. Changing the font
    2. Inserting pictures
    3. Fun with word art

Spreadsheet Software
1.Excel Lessons OR Google Sheets
    1. Fill in a Chart
    2. Make a Bar Graph
    3. Make your own Graph

Online Search
1.Learn about Search Engines
2.Internet Search 1 and 2

Coding
1.Code an Avatar

Read the blog post with FAQs for the 3rd grade technology curriculum.
Watch these video demos:
1.Word processing
2.Internet Safety
3.Typing
4.Google Sheets
5.Coding

BONUS if you have time:
•Google Slides (or PowerPoint) Digital Stop Motion Animation Project
•Digital breakouts
•Technology vocabulary activities
•Typing sight words

Rules and Procedures
1.Lesson 1: Google log and Create a Rules poster
Technology Vocabulary
1.Lesson 2: Google log and Vocabulary Review
2.Geek Speak Intro: PowerPoint or Google Slides vocabulary template
3.Technology Vocabulary Typing
Internet Safety
1.Internet Safety Module 5 Weeks
1. Security
2. Privacy
3. Search
4. Multitasking (screen time)
5. Cyberbullying
6. Copyright

Online Research
1.How to Read a Webpage
2.All About Online Search
3.Search Engine Strategies
4.Google Search Tips
5.Judging Online Information
6.Evaluate a Web Page
7.Website Evaluation Activity
8.Putting Information Together
9.Avoiding Plagiarism
10..Copyright and Fair Use
Presentation Software
1.Intro to Publisher (research project)
2.Google Slides OR PowerPoint
1. Working with Tables
2. Numbering Slides
3. Inserting Videos

Spreadsheet Software
1.Google Sheets or Excel
1. Color and Highlight Boxes
2. Formulas

Coding
1.Scratch Lessons 1-8
2.Make a Web Page
Word Processing and Typing
1.Word processing modules 5 Weeks
1. Adding hyperlinks
2. Page layout
3. Columns
4. Headers
5. Layers

2.Color coded typing digital flash cards 2 weeks

BONUS Activities if you have time:
1.Digital Breakouts
2.Chrome Music Lab Rhythm Experiment
3.STEM Challenges (great for back up plans any time of year)

Check out the blog post about the 4th grade technology curriculum
Watch some video demos of lessons:
1.Internet Safety
2.Adding Tables to Google Slides
3.Color Coded Typing
4.Technology Vocabulary Review

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5th Grade Lessons

Rules and Procedures
1.First Day in Tech Lesson 1: Computer Rules poster
2.Procedures and First Project (technology problem solving)
Online Search
1.Lesson 3: How to Read a Webpage
2.Lesson 4: Evaluate Websites Activity
3.Lesson 5: Google Search Tips
Vocabulary
1.Lesson 6: Geek Speak Project
2.Technology Vocabulary Typing
3.Vocabulary Test 1
Internet Safety
1.Internet Safety Project 6 Weeks. Research and activity creation.
2.Internet Safety Lessons: Online reputation and responsibilities
Coding
1.Scratch Lessons 1-8
2.Screen Free Week
Make a … projects
1.Animation Project
2.Make a Wordle
3.Make a Comic
4.Make a Voice Recording
5.Make a Picture with Labels
6.Make a Puzzle
7.Make a Quiz
Presentation Software
1.PowerPoint Lessons
2.Google Slides Lessons
    1. Design
    2. Transitions and Animations
    3. Spell check and Editing
    4. Citing Sources
Word Processing and Typing
3.Word Processing Modules 5 weeks
    1. Shapes
    2. Tables
    3. Editing
    4. Styles
    5. Find
4.Color Coded Typing Digital Flash Cards 2 weeks
BONUS Activities if you have time:
1.Spreadsheet project (Candy Store)
2.3D Printing Module
3.Digital Breakouts
4.Extra technology vocabulary activities
5.STEM Challenges (great for back up plans any time of year)

Check out the blog post about the 5th grade technology curriculum
Watch some video demos of lessons:
1.Word Processing
2.Make a Puzzle
3.How to Read a Webpage
4.Editing and Spell Check
5.Bonus Spreadsheet project

Student Access

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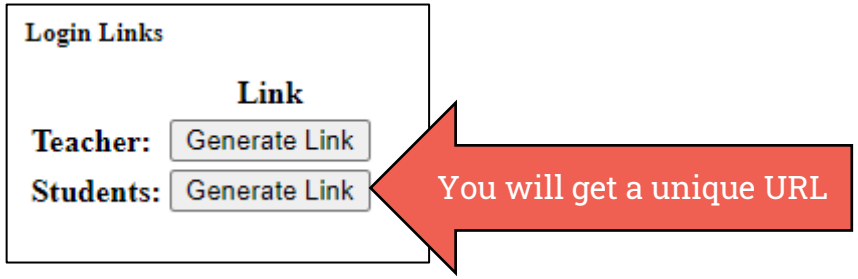
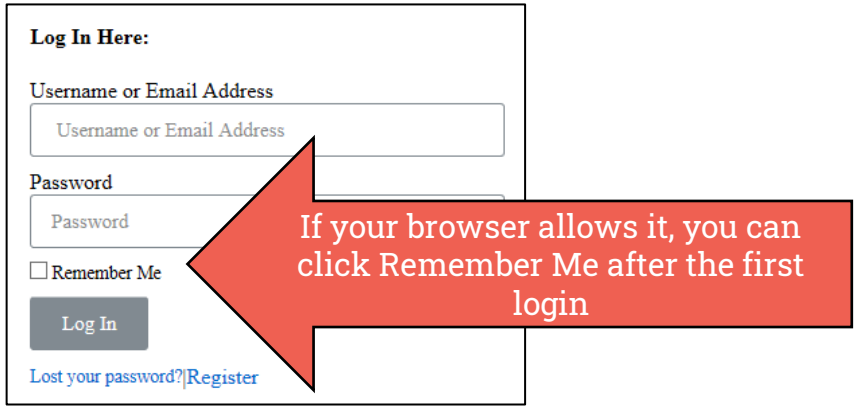
With your purchase you get one **class account** username and password that all students use to access the lesson pages.

There are 2 options for students to log in. They can use the Auto Login URL, or they can type the username and password. See the details below for each option.

Option 1: Auto Login URL, which works like a single-sign-on link. Generate your Auto Login URL for Students from your My Account page. Cookies must be enabled in your browsers for the Auto Login URL to work.
STUDENT EXPERIENCE
The Auto Login URL logs students in and directs them to the Homepage. From there they will choose their lesson from the menu. If you try to link students directly to a lesson page, you may get an error message and it may ask students to log in. Always have students start at the Homepage and choose a lesson from the menu. Navigating a website is part of our tech standards.
Option 2: Students type in the username and password.





Teacher Information

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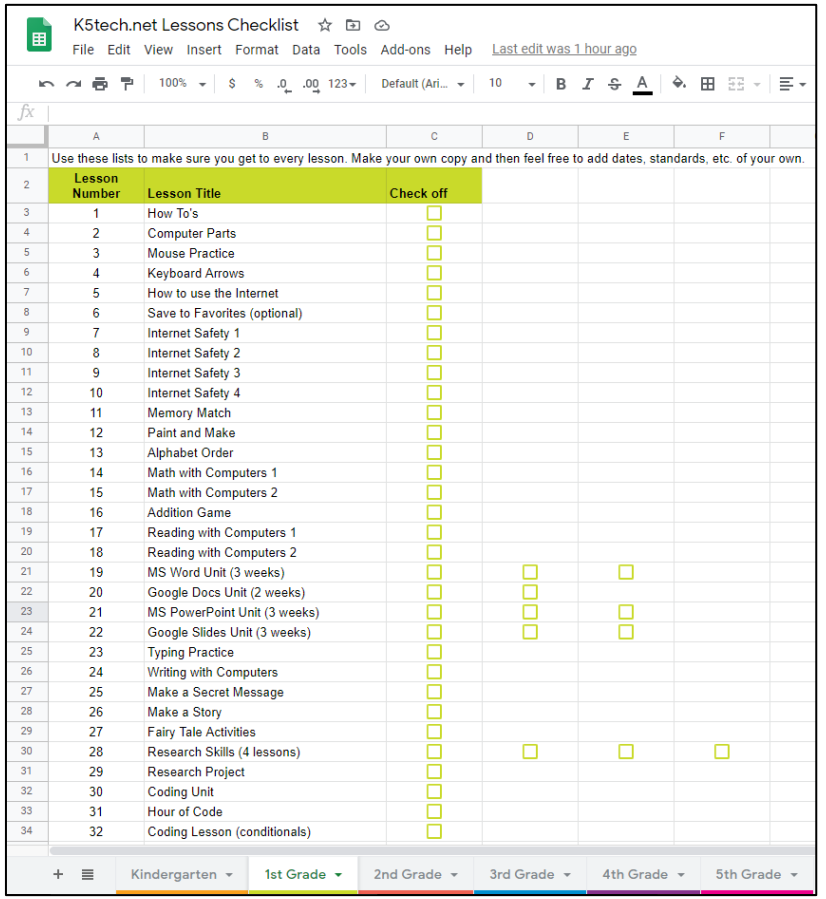
This curriculum is very low prep!

Think of the website like a textbook but digital. The username and password's purpose is to give students access to the whole textbook. Then from there you (the teacher) facilitate student progress by letting them know which lesson page to go to each session. Once students finish the lesson activities, you'll look over and/or collect their finished assignments for assessment.

The website **does not** collect any student data (to comply with COPPA laws). That means you'll need to track their progress. I've provided a spreadsheet you can use to check off the lessons as you go.

You'll need a way to collect student work templates when they're finished. Using a learning management system like Google Classroom, Seesaw, Schoology, etc. makes collecting the work very easy.

Each lesson plan has an idea for an exit slip or proof of learning. If you need standardized assessments, they can be purchased as an add on: https://brittanywashburn.com/product/technology-assessments-all-24-budnle-of-print-and-digital/


K5tech.net Lessons Checklist

File Edit View Insert Format Data Tools Add-ons Help Last edit was 1 hour ago

Use these lists to make sure you get to every lesson. Make your own copy and then feel free to add dates, standards, etc. of your own.

Lesson Number	Lesson Title	Check off
1	How To's	☐
2	Computer Parts	☐
3	Mouse Practice	☐
4	Keyboard Arrows	☐
5	How to use the Internet	☐
6	Save to Favorites (optional)	☐
7	Internet Safety 1	☐
8	Internet Safety 2	☐
9	Internet Safety 3	☐
10	Internet Safety 4	☐
11	Memory Match	☐
12	Paint and Make	☐
13	Alphabet Order	☐
14	Math with Computers 1	☐
15	Math with Computers 2	☐
16	Addition Game	☐
17	Reading with Computers 1	☐
18	Reading with Computers 2	☐
19	MS Word Unit (3 weeks)	☐
20	Google Docs Unit (2 weeks)	☐
21	MS PowerPoint Unit (3 weeks)	☐
22	Google Slides Unit (3 weeks)	☐
23	Typing Practice	☐
24	Writing with Computers	☐
25	Make a Secret Message	☐
26	Make a Story	☐
27	Fairy Tale Activities	☐
28	Research Skills (4 lessons)	☐
29	Research Project	☐
30	Coding Unit	☐
31	Hour of Code	☐
32	Coding Lesson (conditionals)	☐

Kindergarten | 1st Grade | 2nd Grade | 3rd Grade | 4th Grade | 5th Grade

Website Design

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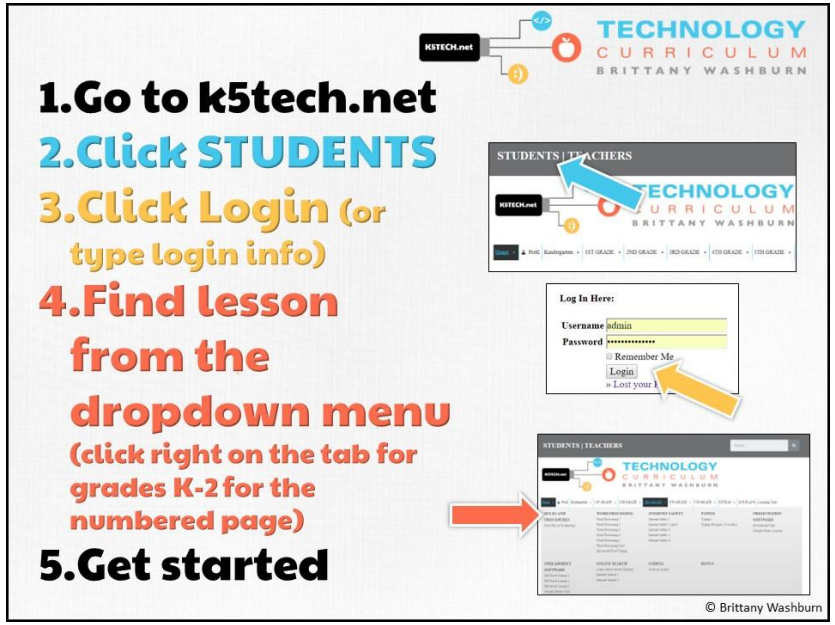
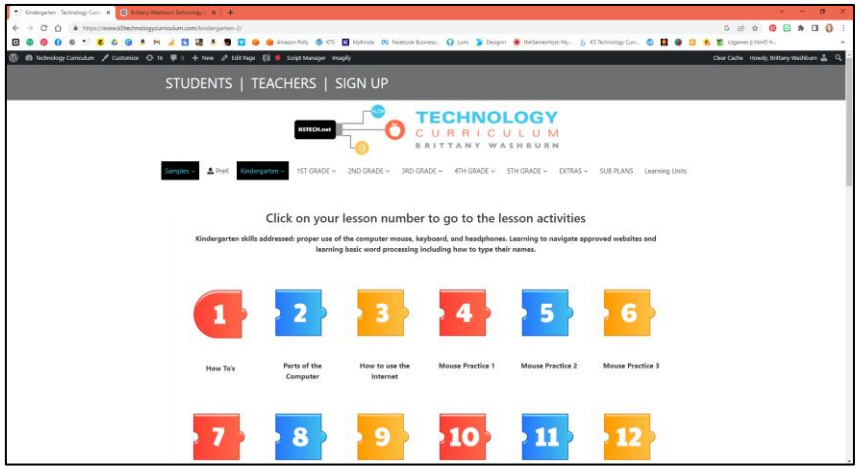
The website is designed to teach technology skills.

- I built the navigation experience and each lesson page with intention to cover as many ISTE Standards as possible.
- Students use the menu to find their lesson for each class period, which teaches them how to navigate a website.
- The lesson pages include videos, downloads, hyperlinks, interactive content, and experiences like opening an activity in a new tab to enable students to practice all of these technology skills.
- Kindergarten, First Grade, and Second Grade have a numbered page (pictured bottom right) that they use instead of the dropdown menu to get to their lessons. I aim to make the website age-appropriate while also challenging students to work on tech skills during each session.





Subscription Information

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One of the main benefits of this curriculum being a subscription is that it enables me to continue updating and improving it.

Every year I add new content and update existing content. As long as you're subscribed, you'll receive all updates instantly.

Subscription Renewal:

You have complete control over your subscription from your account. If you're not sure if this will be a good fit for you then I recommend subscribing to the monthly billing option. You can cancel it before the next renewal if needed.

I have a feeling you'll want to stay subscribed the whole time you teach technology. The subscriptions renew automatically so you never have to worry about losing access (unless something happens like your card is declined during the renewal attempt).