



Using Technology with Confidence!

How Practical Technology Concepts Helps Students Succeed

Students learn the basic skills and understand the systems behind the technology they use every day. These skills help them use tools effectively, solve problems, and adapt to new technologies!



PRACTICAL TECHNOLOGY CONCEPTS is 1 of the 5 strands of the Texas Technology Applications TEKS for K–8!



WHAT WILL MY CHILD LEARN?



UNDERSTAND TECHNOLOGY SYSTEMS

Explore how technology devices, software, and networks work together.



USE TOOLS EFFECTIVELY

Learn how to use hardware, software, and digital tools safely and productively.



TROUBLESHOOT PROBLEMS

Identify issues, test solutions, and fix problems with technology.



MANAGE FILES AND DEVICES

Organize, save, retrieve, and protect files and understand device care.



CONNECT AND COMMUNICATE

Learn how devices and networks work and how to communicate responsibly online.



ADAPT AND LEARN NEW TECHNOLOGIES

Build confidence to explore new technologies and keep learning.

HOW THESE SKILLS GROW ACROSS GRADE LEVELS

KINDERGARTEN – 2ND GRADE



- Identify parts of basic technology devices
- Use simple tools and apps with help
- Learn basic rules for caring for devices
- Save and open files
- Ask for help and solve simple tech problems

3RD – 5TH GRADE



- Explain how common technology systems work
- Use tools and software independently
- Troubleshoot and fix common problems
- Organize files and manage devices
- Understand networks and online communication

6TH – 8TH GRADE



- Analyze how technology systems function
- Use advanced tools and applications
- Diagnose and solve complex problems
- Manage data, devices, and backups
- Evaluate new technologies and make informed choices



TRY IT AT HOME!

- ✓ Explore device settings together.
- ✓ Practice saving and organizing files.
- ✓ Work on a tech repair or troubleshooting challenge.
- ✓ Take care of devices—clean, charge, and store them properly.
- ✓ Try a new app or tool and see what it can do!



TALK TOGETHER

- ★ How does this device work?
- ★ What should you do if something isn't working?
- ★ How do we keep our information safe?
- ★ What tools help you learn and create?
- ★ What new technology would you like to try?



TECHNOLOGY IS EVERYWHERE!

- Technology powers our homes, schools, and communities.
- It helps us learn, work, play, and stay connected.
- Understanding how it works helps us solve problems.
- Good tech skills prepare students for the future.
- Curiosity and practice build confidence!



FAMILIES MAKE A DIFFERENCE!

- ♥ Encourage problem-solving and persistence.
- ♥ Let your child fix small tech issues.
- ♥ Celebrate effort and learning, not just results.
- ♥ Support safe and responsible tech use.
- ♥ These habits build confident, capable learners!



TOGETHER, WE CAN!

When schools and families work together, students build the practical technology skills and confidence needed to succeed today and thrive tomorrow!

