



SYMBOLS, TOOLS, AND TOOLBARS

BY
ASK A TECH TEACHER

Symbols, Tools, and Toolbars

Ask a Tech Teacher™

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Tools, Toolbars, and Symbols

Essential Question

How do tools, toolbars, and symbols organize programs?

Big Idea

Tools, toolbars, and symbols are similar across digital tools

Teacher Preparation

- Talk with grade-level team to tie into conversations.
- Be familiar with authentic tools, toolbars, and symbols students are using

Assessment Strategies

- Joined class conversations
- Able to identify symbols, tools
- [tried to] solve own problems
- Higher order thinking: analysis, evaluation, synthesis

Step

Time required: 90 minutes

Suggested grade: Grades Kindergarten-2nd

_____ Much in life is represented not with words but pictures. Younger students naturally understand what pictures mean and can describe it to you in words. This is a powerful skill, one that international agencies are picking up on as they try to communicate messages to international audiences, ones that don't speak the same spoken language, but often identify the same meaning from images.

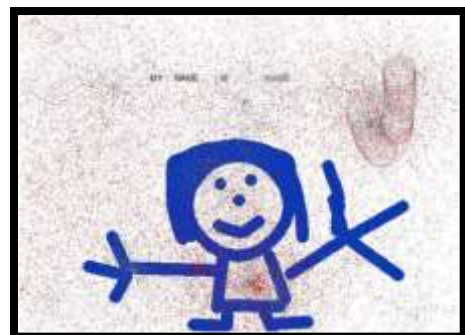
_____ In this lesson, explore three ways students face this challenge in technology:

- *symbols*
- *tools*
- *toolbars*

Symbols

_____ Remind students of the pictures they drew in Kindergarten—(if you used the SL curriculum) (Figures 1a-b).

Figure 1a-b---Kindergarten drawings with text



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_____ What symbols are represented in these? Discuss the idea a picture is worth a thousand words. What does that mean? How does a picture symbolize words and thoughts?

_____ Discuss some 'symbols' students are familiar with—icons, tools, signs, etc. Look at *Figures 2a-c*. Which puppy looks happy? Sad? Why?

Figure 2a-c—Symbols to be interpreted



- *color*
- *setting*
- *eyes*
- *the ears and tail*
- *cocked head*
- *stance*
- *tears*

_____ Does a dog wagging his tail symbolize *happy*? Does an animal hanging its head symbolize *sad*?

Intentionally Deleted

Other Singles from Structured Learning

- 14 Non-writing Options to Teach Writing
- [15 Digital Tools in 15 Days](#)
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- STEM Bundle (4 lesson plans)
- Symbols, Tools, and Toolbars
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Symbols, Tools, and Toolbars



Which book?	Price
<i>K-8 Tech Textbook (each grade level—print, digital, or both)</i>	\$32.99/25.99//53.08 + p&h
<i>K-8 Student tech workbooks (with video, teacher manual)</i>	\$199 per grade level
<i>35 More Projects for K-6 (aligned w curriculum—digital only)</i>	\$31.99/25.99/52.18 + p&h
<i>55 Tech Projects—Volume I, II, or both (digital only)</i>	\$18.99/\$32.49 + p&h
<i>K-8 Keyboard Curriculum (print, digital, or both)</i>	\$25.99-\$64
<i>K-8 Student keyboarding wkbks (with video, teacher manual)</i>	\$199 per grade level
<i>K-8 Digital Citizenship Curriculum</i>	\$29.95/25.99/50.38 + p&h
<i>K-8 Common Core Lessons</i>	FREE-\$48.55 + p&h
<i>Pedagogic Articles</i>	\$6.99 (digital only)
<i>K-8 Tech Scope and Sequences (Word doc)</i>	\$9.99 each (digital only)
<i>Posters for the Tech Lab</i>	\$2.99 each (digital only)
<i>16 Holiday Projects</i>	\$4.99 (digital only)
<i>98 Tech Tips From Classroom</i>	\$9.99 (digital only)
<i>Classes (certificate and college credit)</i>	\$260-\$450
<i>Project-based learning (lesson plans)</i>	\$1.99 each on varied topics
<i>New Teacher Survival Kit (K-5)</i>	\$360 and up (+ p&h)
<i>New Teacher Survival Kit (K-6)</i>	\$380 and up (+ p&h)
<i>New Teacher Survival Kit (6-8)</i>	\$330 and up (+ p&h)
<i>Homeschool Tech Survival Kit</i>	Starts at \$99.00
<i>Bundles of lesson plans</i>	\$7.99 and up
<i>Mentoring (1 hr. at a time)</i>	\$50/hour and up
<i>Year-long tech curriculum help (via wiki)</i>	\$145
<i>Consulting/seminars/webinars</i>	Call or email for prices
Total	

Fill out this form (prices subject to change).

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Questions? Contact Zeke Rowe

