



How to...

Ask a Tech Teacher™

Use
Digital Timelines
In Your Classroom

How to use Digital Timelines

In your Classroom

Ask a Tech Teacher™

Digital Timelines in Class

Vocabulary	Problem solving	Common Core
<ul style="list-style-type: none"> • Call-out • Color block • Embed • Handles • Layering • Nanoogo • Overflow • Panel • Perspective • Plagiarism • Publisher • Rubric • Screenshot • Timeline • Washout • Watermark 	<ul style="list-style-type: none"> • I can't write on timeline (insert text box) • Color block doesn't show (use layering) • I can't save to online tool without an account (take a screenshot) • I can't find timeline tool (Google name) • I started project in lab and want to work on it in classroom, but I can't find it (did you save to your digital portfolio?) • I can't find embed (look for share/publish/embed somewhere on screen) • I need to edit timeline (how do you do that?) 	<p>CCSS.ELA-Literacy.CCRA.W.3,6 CCSS.ELA-Literacy.WHST.6-8.6-9 CCSS.ELA-Literacy.RH.6-8.1,3-5,7 CCSS.ELA-Literacy.RI.4.11-5,7 CCSS.ELA-Literacy.RI.5.1-4 CCSS.ELA-Literacy.RI.6.1,2,4 CCSS.ELA-Literacy.RI.7.4 CCSS.ELA-Literacy.W.4.2,3,6-10 CCSS.ELA-Literacy.W.5.2,3,5-7 CCSS.ELA-Literacy.W.6.2,3,5-7 CCSS.ELA-Literacy.W.7.2,3,5-7 CCSS.ELA-Literacy.L.4.1,3,4 CCSS.ELA-Literacy.L.5.1,3,4 CCSS.ELA-Literacy.L.6.1,3,4 CCSS.ELA-Literacy.L.7.1,3,4 CCSS.ELA-Literacy.SL.4.2,4 CCSS.ELA-Literacy.SL.5.2,4 CCSS.ELA-Literacy.SL.6.2,4 CCSS.ELA-Literacy.SL.7.2,4</p>
<p>Time 90 minutes</p>	<p>NETS-S Standards 2a, 4c, 6b</p>	<p>Grade 4-7</p>

Essential Question

How can creating a visual representation of events enhance understanding of sequence?

Overview

Summary

Students create a timeline related to a topic as part of sharing affect, purpose, and impact of events on bigger picture.

Big Ideas

Organize ideas visually for better understanding of big picture and individual events.

Materials

Nanoogo, DTP software, online timeline tools, spreadsheet program, extra completed timelines

Teacher Preparation

- If you've taught this lesson before and have resources collected, do a quick Google search to see if anything new has arrived you want to know about and should share with students.
- Consider co-teaching with subject-specific teacher.
- Have sample timelines from last year's students.

How to use Digital Timelines in Your Classroom

- Remind students to bring timelines to class.
- Have class accounts set up where required for online tools.
- Be prepared to discuss laws regarding use of online images and internet safety.
- Something happen you weren't prepared for? No worries. Common Core is about critical thinking and problem solving. Show students how you fix the emergency without a meltdown.

Steps

Required skill level: Understand online research, . tools, and safe use of online data.

Before beginning, put backchannel device onto Smartscreen ([Today's Meet](#), [Socrative](#), [Padlet](#), class Twitter account, GAFE form page) to track student comments throughout class. Show students how to access it if necessary.

Learning events in chronologic order is a challenge for students. Common Core addresses that:

Write narratives to develop real or imagined experiences or events using effective technique, well-chosen details and well-structured event sequences.

Timelines are graphical representations of a sequence of events over a period of time. Researching and creating timelines appeals to students' visual, mathematic, and kinesthetic intelligences.

This timeline can be created in:

- *Desktop Publishing (Publisher)*
- *Nanoogo*
- *Online timeline tool*
- *Spreadsheet program*

...for all students, putting events in order helps them to understand the overall development of a particular event...

Anonymous Teacher

Pre-sell this project by creating a class timeline on an inquiry topic--a book being read, historic events, or class activities (like holidays, birthdays, field trips, project due dates). Post it to class wiki, website, blog, or on classroom wall. Update daily. It won't be long before students are checking to see what was added, making their own suggestions, and are eager to create their own.

Students work with a partner to create a timeline that recounts events leading up to a particular point (tied into class inquiry).

Research topic and gather ten sequential dates of events with several sentences explaining importance of each. Include one image, audio, or video for each date (this will vary depending upon timeline tool student uses). Keep a list of sources.

Project can be a summative assessment or pre-assessment to determine what students know. Wherever students acquire information, they should assess credibility and accuracy.

6 Pages deleted for preview

Assessment

Pick what works for your grade level

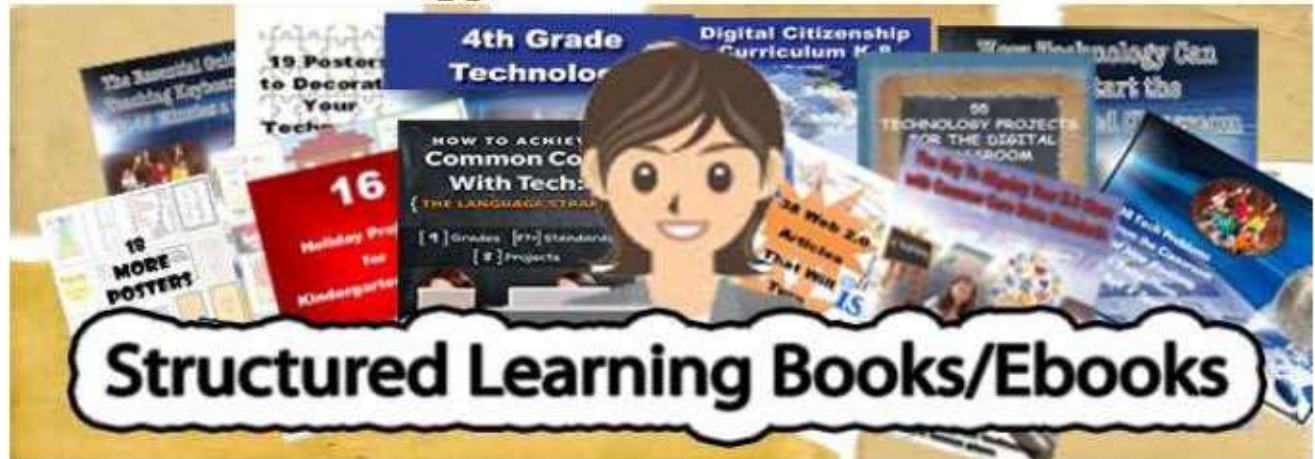
- ____ Can students transfer learning to life?
- ____ Did student join class conversations? Work well in a group?
- ____ Did student safely and effectively use the internet (where required)?
- ____ Did student use academic and domain-specific language, as well as correct language conventions, when speaking to class, classmates and you?
- ____ Did student understand the juxtaposition of 'technology' and 'education'?
- ____ Did student use backchannel device when necessary?
- ____ Did student use correct keyboarding while typing?
- ____ Did student transfer knowledge from other lessons?
- ____ Did student try to solve problems (tech and otherwise) independently before requesting assistance from classmates and/or you?
- ____ Is student engaged, making a best effort to accomplish lesson goals?
- ____ Did student include all required elements in timeline?
- ____ Did student include various forms of media in their timeline (where possible)?
- ____ Did timeline include chronologic events, summary of occurrences, and correct dates?
- ____ Did student complete timeline and share it with classmates?
- ____ Was student a risk-taker, curious about new technology (i.e., backchannel devices, note-taking tools, timeline tool)?
- ____ Did student understand that digital tools used were alternatives to paper-and-pencil used other times?
- ____ While investigating, did student enjoy the experience?
- ____ Other _____

_____.

Other Singles from Structured Learning

- 15 Web Tools in 15 Days
- Blogging
- Brainstorming
- Bridge Building
- Debate
- Digital Book Reports
- Digital Note-taking
- Digital Quick Stories
- Digital Quick Writes
- Digital Timelines
- Gamification
- Genius Hour
- Google Apps
- Internet Search and Research
- Khan Academy
- Service Learning
- Write an Ebook
- Write with Twitter

SL Technology Books for Your Classroom



Structured Learning Books/Ebooks

Which book	Price (print/digital/ Combo)	How Many
<i>K-8th Tech Textbook (each)</i>	<i>\$29.99-32.99/23.99-26.99/48.58-53.99+p&h</i>	
<i>K-6 Combo (all 7 textbooks)</i>	<i>\$190.74/\$153.84/\$344.57 + p&h</i>	
<i>K-8 Combo (all 7 textbooks)</i>	<i>\$246.52/\$200.62/\$447.14+ p&h</i>	
<i>35 More Projects for K-6</i>	<i>\$31.99/25.99/52.18 + p&h</i>	
<i>55 Tech Projects—Vol I,II, Combo</i>	<i>\$32.99 /\$59.98—digital only (free shipping)</i>	
<i>K-8 Keyboard Curriculum</i>	<i>\$29.95/25.95/50.31 + p&h</i>	
<i>K-8 Digital Citizenship Curriculum</i>	<i>\$29.95/25.99/50.38 + p&h</i>	
<i>Common Core—Math, Lang., Read.</i>	<i>\$26.99 ea/72.87 for 3—digi only (free ship'g)</i>	
<i>K-5 Common Core Projects</i>	<i>\$29.95/23.99/48.55 + p&h</i>	
<i>16 Holiday Projects</i>	<i>\$14.99 (digital only) + p&h</i>	
<i>19 Posters for the Tech Lab</i>	<i>\$6.99 (digital only)</i>	
<i>18 More Posters for the Tech Lab</i>	<i>\$12.99 (digital only)</i>	
<i>98 Tech Tips From Classroom</i>	<i>\$9.99 (digital only) + p&h</i>	
<i>760+ Tech Ed Websites</i>	<i>\$14.99 (digital only) + p&h</i>	
<i>Tech Ed Scope and Sequences</i>	<i>\$14.99 (digital only) + p&h</i>	
<i>New Teacher Survival Kit (K-5)</i>	<i>\$338.21/\$287.85/\$567.08+p&h</i>	
<i>New Teacher Survival Kit (K-6)</i>	<i>\$370.20/\$314.84/\$620.16 + p&h</i>	
<i>New Teacher Survival Kit (6-8)</i>	<i>\$280.83/\$261.83/\$415.74 + p&h</i>	
<i>Bundles of lesson plans</i>	<i>\$7.99 and up—digital only (free shipping)</i>	
<i>Mentoring (1 hr. at a time)</i>	<i>\$50/hr</i>	
<i>Year-long tech curriculum help</i>	<i>\$100 per year (online)</i>	
<i>Consulting/seminars/webinars</i>	<i>Call or email for prices</i>	
	Total	

Free sample? Visit Structured Learning LLC website

Fill out this form (prices subject to change)

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Pay via Paypal, Credit Card, Amazon, TPT, pre-approved school district PO



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