

Why are Time Lines Important?

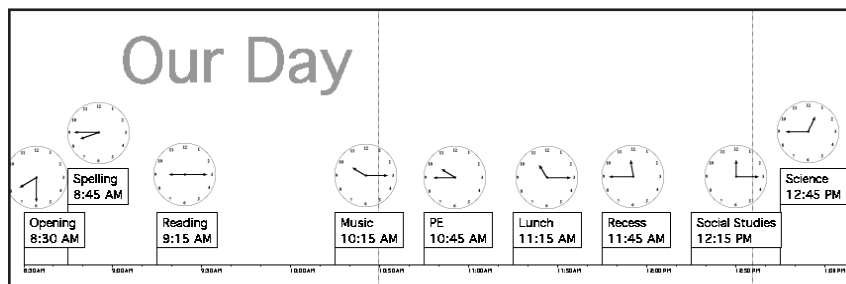
We all know how difficult it is for young children to understand the concept of time. You can create a time line that shows them how much time passes between events. But it's not just the very young who benefit from the use of time lines, we all need them. Who can really understand the amount of time that dinosaurs were on the earth, or remember the battles of the Civil War, the steps in the metamorphosis of a frog, or when the light bulb was invented? Looking at a time line reminds us. Using a program like Tom Snyder Production's *TimeLiner* makes it easy, but you can also create them with Microsoft *Office* or *AppleWorks*. You can make a banner time line that wraps around the room or condense it into a page or two that you can easily use for reference. You can also make the time line look like a chart, a list, or even a slide show.

Notes:

Our Day

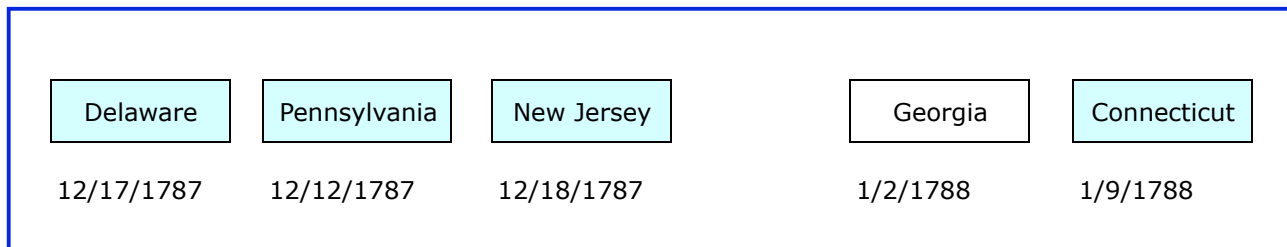
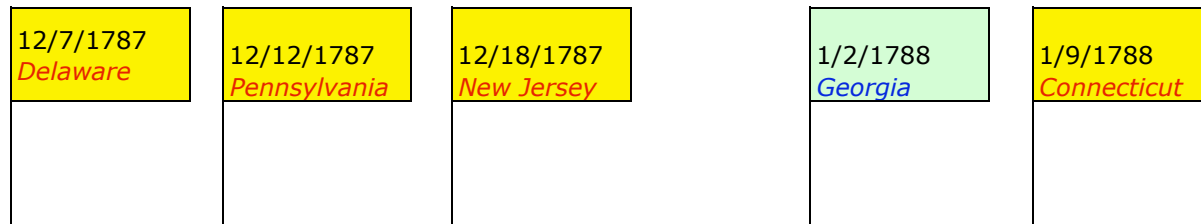


- Opening: 8:30 AM
- Spelling: 8:45 AM
- Reading: 9:15 AM
- Music: 10:15 AM
- PE: 10:45 AM
- Lunch: 11:15 AM
- Recess: 11:45 AM
- Social Studies: 12:15 PM
- Science: 12:45 PM
- Recess: 1:15 PM
- Math: 2:15 PM
- Closing: 3:00 PM
- Dismissal: 3:15 PM

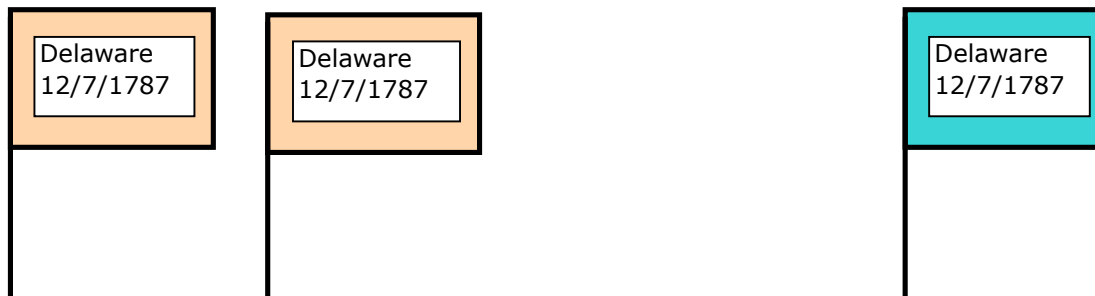


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When They Became States



Small, boring, but easier to make than the time line above. Each text item was typed in a cell.



1787

1788

This will be a real pain compared to TimeLiner, but look what you can teach!

Format one cell by dragging down the row marker line and then filling it with color. Enter the state name and date of entry to the union. To get the state name on a separate line, press **Alt Enter** when you're ready for the second line. Change the color of the text if you want. To make the text in the middle of the cell, **right-click the cell**, choose **Format Cells**, click the **Alignment tab**, click **Vertical** and choose **Center**. You can center the text horizontally, too. When it looks good, and it is selected, double-click the **Format Painter** button. Click the other cells and they will be formatted like the first one. It's a good reason to teach **Format Painter**. To remove the grid lines, click the **Tools menu**, choose **Options**. On the **View tab** click **gridlines**. Then you can teach them to do **borders**. Click the "flag" cell with the state name and date, click the **Borders button** on the **Formatting toolbar**. Choose **Thick Box Border**. Select the 4 cells under the "flag" and add a **Left border**.

Using Excel as a drawing palette can be easier than using the cells in the worksheet as show to the left.

Excel allows you to have a long page with no margins. Using **Auto Shapes** to draw a box, **Text Box** to create text, and the **Line** tool to draw the flagpole, and then grouping them allows the kids to learn **AutoShapes** and **grouping**. They also learn to **duplicate** and **drag** an object. Adding the **textbox** after **grouping** the flag lets you easily change the fill color.