



Numbers on iPad

Much More than a Spreadsheet

Numbers makes it easy to go beyond simple tables and charts and tell compelling stories with data. It's intuitive and comes with templates designed for teaching financial literacy, business planning, probability labs or correlation projects.

With Numbers you can embed video and audio, create interactive charts, and draw or annotate with Apple Pencil. Students can be as expressive with numbers as they are with words.

This 10 workshop series is led by Apple Distinguished Educators — a community of mentor educators who share their expertise teaching with Apple products. Each session will give you a short intro to Numbers, a 40-minute hands-on demo of a Numbers feature on iPad set in a classroom context, and a list of supporting resources so you can take your work further.

Workshops are held at 7pm EDT, every Thursday, beginning October 8. All demos will be on iPad.

[Register >](#)

Virtual Workshop Topics

Making Data Meaningful with Numbers

October 8, 2020, 7pm EDT

Learn how to build meaning from data and display it in compelling ways by using built-in calculation tools, interactive charts, tables and other expressive media. As well, discover powerful methods to visualize data, trends and illustrate relationships.

K-3 Literacy and Learning with Numbers

October 15, 2020, 7pm EDT

Explore how learning experiences and supports using tabs within Numbers can organize reading, writing, speaking, and comprehension activities for primary learners. This session will focus on integration of different types of media to support learners in sharing their thinking. This session will be in English although ideas for English, French and additional language learners will be discussed as well.

Financial Literacy in Grades 4-8 with Numbers

October 22, 2020, 7pm EDT

Numbers allows any user to customize and build financial literacy learning experiences middle school students. We will focus on money concepts and financial management expectations. Using the addition of videos, screen captures, photo galleries, and drawings we will enrich these activities and discuss how to integrate feedback cycles into these activities and capture learning in assessment pieces for sharing with students and their caregivers.

Creating Functional Rubrics with Numbers

October 29, 2020, 7pm EDT

This session shows you how to create an effective functional rubric that you can use to mark student work. Learn how to:

- Use formulas to apply a numeric value to a checkbox
- Create a comment bank
- Export and share with students, family, and administration
- Add anecdotal comments and examples

Financial Literacy — Making Informed Choices with Numbers

November 5, 2020, 7pm EDT

The financial decisions you make can impact you as well as other family members or groups around you. Use Numbers to help make decisions by organizing facts and assumptions, performing calculations and clearly concluding and defending your choices. The activities can be extended to problem-solving in other subject areas.

Using Numbers in the Social Sciences

November 12, 2020, 7pm EDT

This session will help social science teachers integrate technology into their classroom practice. Participants will learn how to use Numbers to present issues in History, Civics, and Economics in order to make them easier for students to visualize and analyze. Topics would include the rise and fall of globalization, the rise and decline of political freedom, nuclear proliferation, and the effects of inflation. These activities can supplement class readings and provide the basis for critical analysis of important issues.

Computational Thinking and Coding with Numbers

November 19, 2020, 7pm EDT

Using Numbers, we will explore key aspects of computational thinking: decomposition, abstraction, algorithm design and pattern recognition. While Numbers is a great platform for introducing the fundamentals of computational thinking to students, the skills learned here can be transferred to mathematics and other subject areas.

Budgeting with Numbers

November 26, 2020, 7pm EDT

This session shows teachers how to use Numbers to create and manage simple budgets, and display those values in visual charts. Participants will learn how to help their students set-up a spreadsheet for analyzing city budgets and compare how those municipalities allocate revenue from property taxes. The activity can be extended to the social sciences where students make comparisons with other cities and explore the implications of spending more or less on budget items.

Using Numbers to Teach Financial Literacy in the New Ontario Math Curriculum

December 3, 2020, 7pm EDT

This session looks at ways of using Numbers to address the new Financial Learning Math Expectations in Grades 4 and 5. Participants will learn how to use the budget template as a tool for helping students understand financial management expectations. Activities include: how students can insert photos and videos into the budget template to address Math SEL expectations like reasoning, problem solving and communication.

Documenting Learning Together with Numbers

December 10, 2020, 7pm EDT

In this session, we will examine using Numbers as a shared documentation tool for both educators and learners. We will look at using Numbers as a tool for educators and educator teams to document student learning *and* as an effective platform for students to track their own learning.