



## Talking about Math

High School

$$(ab)^n = a^n b^n$$
$$(a/b)^n = \frac{a^n}{b^n}$$
$$y = ax^2 + bx + c$$
$$x_1 + x_2 = -\frac{b}{a}$$
$$x_1 \cdot x_2 = \frac{c}{a}$$



$$(a \neq 0) \quad a^0 = 1$$
$$a^1 = a$$
$$a^m \cdot a^n = a^{(m+n)}$$

$$\left(\frac{a}{b}\right)^n = \frac{a^n}{b^n}$$

$$a^2 = 2ab + b^2 \cdot (a+b)^2$$

$$\frac{2 \frac{dy}{dx}}{1 + \frac{dy}{dx}^2} = \frac{2 \frac{dy}{dx}}{1 + \frac{dy}{dx}^2}$$

$$r = \frac{ab}{a+b+c}$$
$$r = \frac{a+b-c}{2}$$

$$\begin{cases} 2y(2x-2) = 7(x^2-2x) \\ y = x-2 \end{cases}$$



$$\begin{cases} \frac{1}{x} + \frac{1}{x-2} = \frac{3}{2y} \\ y = x-2 \end{cases}$$

$$x+c=0$$
$$x = \frac{-b \pm \sqrt{b^2 - 4ac}}{2a}$$
$$x_{1,2} = \frac{-b \pm \sqrt{b^2 - 4ac}}{2a}$$
$$r = \frac{ab}{a^2 - b^2}$$



$$(ab)^n = a^n b^n$$
$$\left(\frac{a}{b}\right)^n = \frac{a^n}{b^n}$$



$$\sin \alpha =$$
$$\cos \alpha =$$
$$\sin x =$$

# Classrooms

Enhance the learning experience

The Samsung Interactive Display empowers schools to create engaging learning experiences. With the OPS slot, schools can showcase their interactive content without pulling in their PC or external device.

# Interactive Learning: Creating interactive lessons like never before



## What's the customer need?

Every student learns differently and gone are the days of boring lecture teaching while students take notes. Schools want technology that works as hard as they do. They need a displays that can showcase daily lessons while providing the options to get creative and interactive making their classroom come to life.



**Target Customer**

K-12



**Target Audience**

C-suite, Technology Directors,  
Superintendents

## Customer pain points

- Legacy technology not working with new technology
- Need for displays that can showcase content for the room to see and provide interactive features
- Classroom content needs to be shared with students once school is over.
- Teachers want to mirror on the display while walking around the room with a mobile device.

## Samsung's Solution

Samsung's Interactive Display provides an intuitive pen tool with up to 20 simultaneous points of touch. Students can write, solve math problems and draw pictures all at the same time on the large, 85-inch clear UHD display.

## Customer benefit

Samsung Interactive Display 85inch is an intuitive and easy-to-use digital canvas that can meet the demands of modern education. While teachers are always looking for innovative solutions to create a more engaging classroom environment, students also have high expectations for the digital experience they receive while learning.

- Useful features for white boarding, including pen-to-paper-like writing experience and various edit tools
- Smoother remote or hybrid learning through crystal-clear audio and detailed picture quality
- Versatile embedded templates, as well as a document viewer that doesn't require an additional PC, enables effortless presentations supported by any web browser
- USB, HDMI, NFC and screen mirroring capabilities offer versatile connectivity, along with screen sharing and meeting recap distribution
- OPS Slot for an optional slot-in PC to deliver a powerful computing and an even greater interactive experience

## Why Samsung?

- **Maximize Your Performance**  
Transform static communications and unlock new possibilities with a diverse line of panel technology designed to meet any business display need.
- **Drive Transformation**  
With an all-in-one solution, intuitive, advanced content management and display capabilities and a robust platform that is ideal for any business.
- **Create New Experiences**  
Connect with an extensive ecosystem of leading digital signage partners, through the Samsung platform, to create seamless, tailored experiences.



Easy and Intuitive



Built With The  
Teacher in Mind



Accelerate Transformative  
And Collaborative Learning



Use Securely,  
Manage Effectively