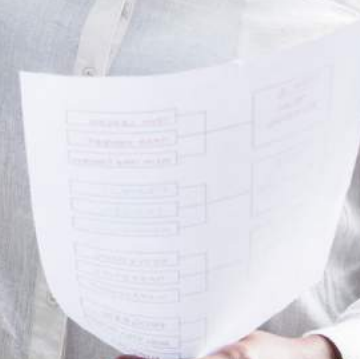**SAMSUNG**

Samsung Interactive Display
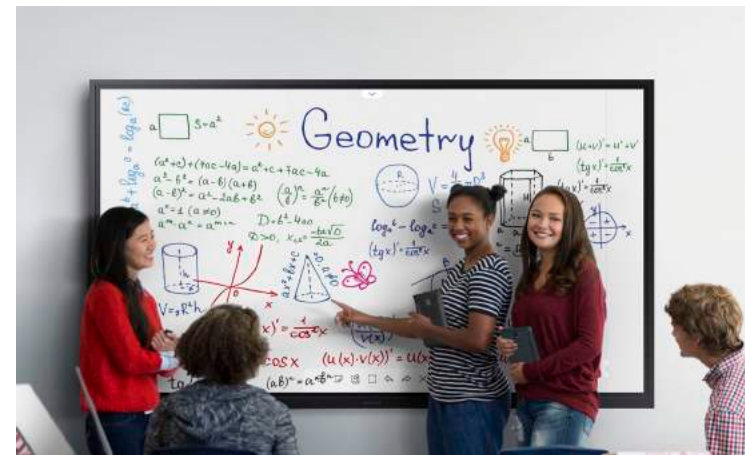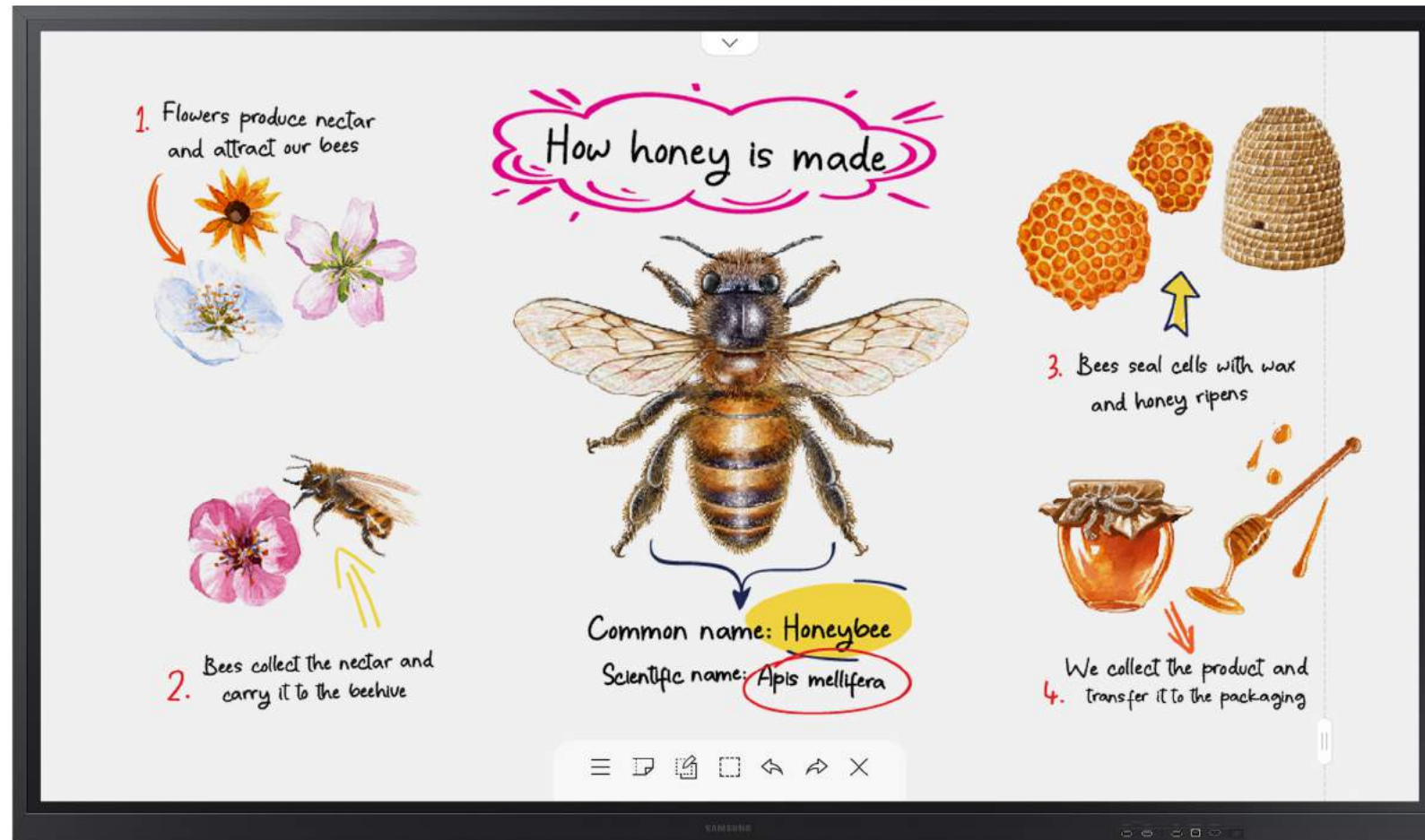Flip WM85R

Learning, simplified.

Inspire and engage students like no blackboard
ever could with the 85" Samsung Interactive Display.

Easy and intuitive.

Draw, write and inspire new ideas

The Samsung Interactive Display provides a wide palette of colors and range of pen and brush thicknesses to ensure a smooth writing experience. Users can freely write and draw text, shapes and anything needed within the classroom. Any note or drawing can be easily erased with a finger- or a palm-swipe.

Intuitive interface

Easy-to-use navigation features and a touch display makes the intuitive user interface suitable for virtually all ages. With a simplified navigation menu and a quick finder tool, you can preview content and make instant changes on the screen with ease.
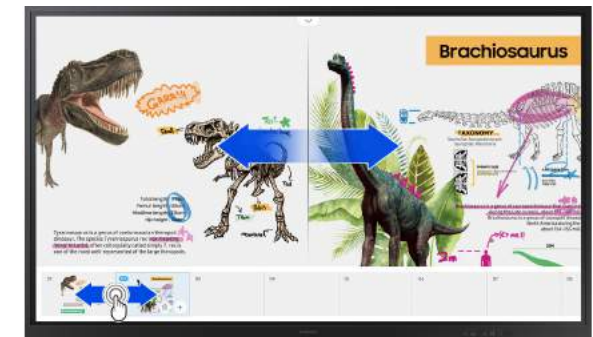
Flexible image editing

Quickly and easily select, move, crop, capture and edit images. Merge any image into your Samsung Interactive Display note roll with just the click of a button, allowing the image to be easily edited or later erased.

Annotate with ease

Document-based learning encourages the sharing of ideas and opinions across media. With the Samsung Interactive Display, students and teachers alike can annotate any document easily, then save, share and bring new ideas to life working together in the same room.
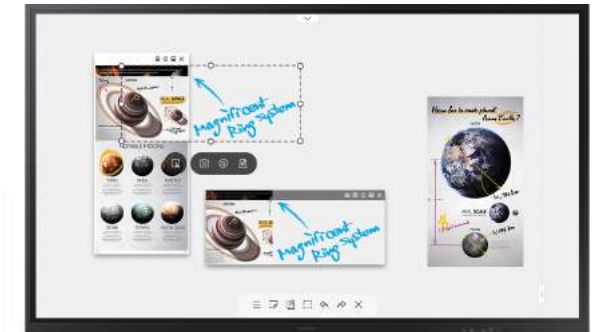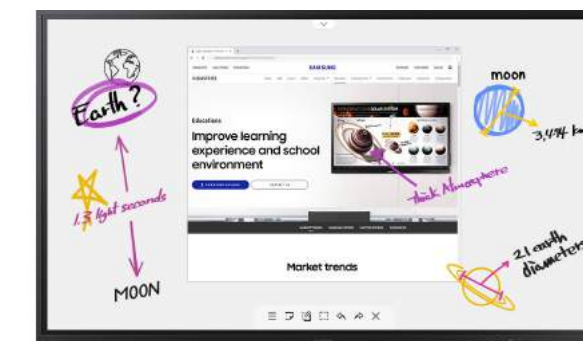

Convenient document viewer

The Samsung Interactive Display gives users the ability to open Microsoft Word, PowerPoint, Excel and Adobe PDF files directly with a built-in document viewer, ensuring easy access regardless of the content source for improved class engagement.


Surf the web with the touch of a finger

With an embedded web browser, searching the web becomes part of the lesson. Simply navigate to any site from the Samsung Interactive Display and bring your lesson to life.

Built with the teacher in mind.

Effortlessly recap and distribute class notes

Following any class, teachers can digitally and immediately distribute recaps to all students, removing the frustration traditionally associated with handwritten notes. Easily capture and store classwork and content, to easily share across mobile and digital channels in real time.

Email	Printer	USB	Network Storage	Wi-Fi Direct
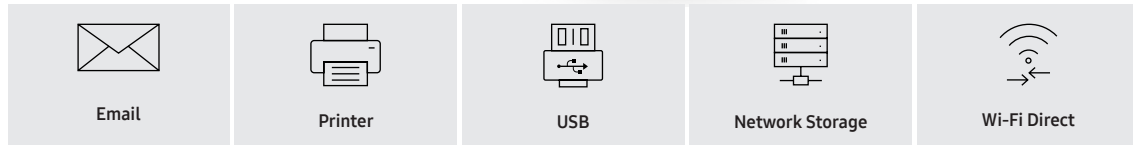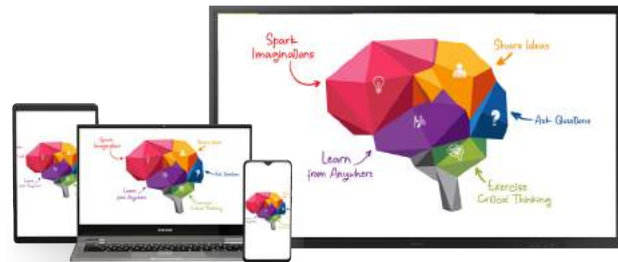
Teach through sound with built-in speakers

Watch a famous speech. Explore music theory. The integrated 10W x 2 speakers mean there's no extra expense of purchasing separate speakers and power supply, and no wiring hassles.

10W

Send files faster

Connect the Samsung Interactive Display to your user database, then type in the first few letters of the email address you want. Suggested email addresses will pop up, allowing you to share information quickly and easily.
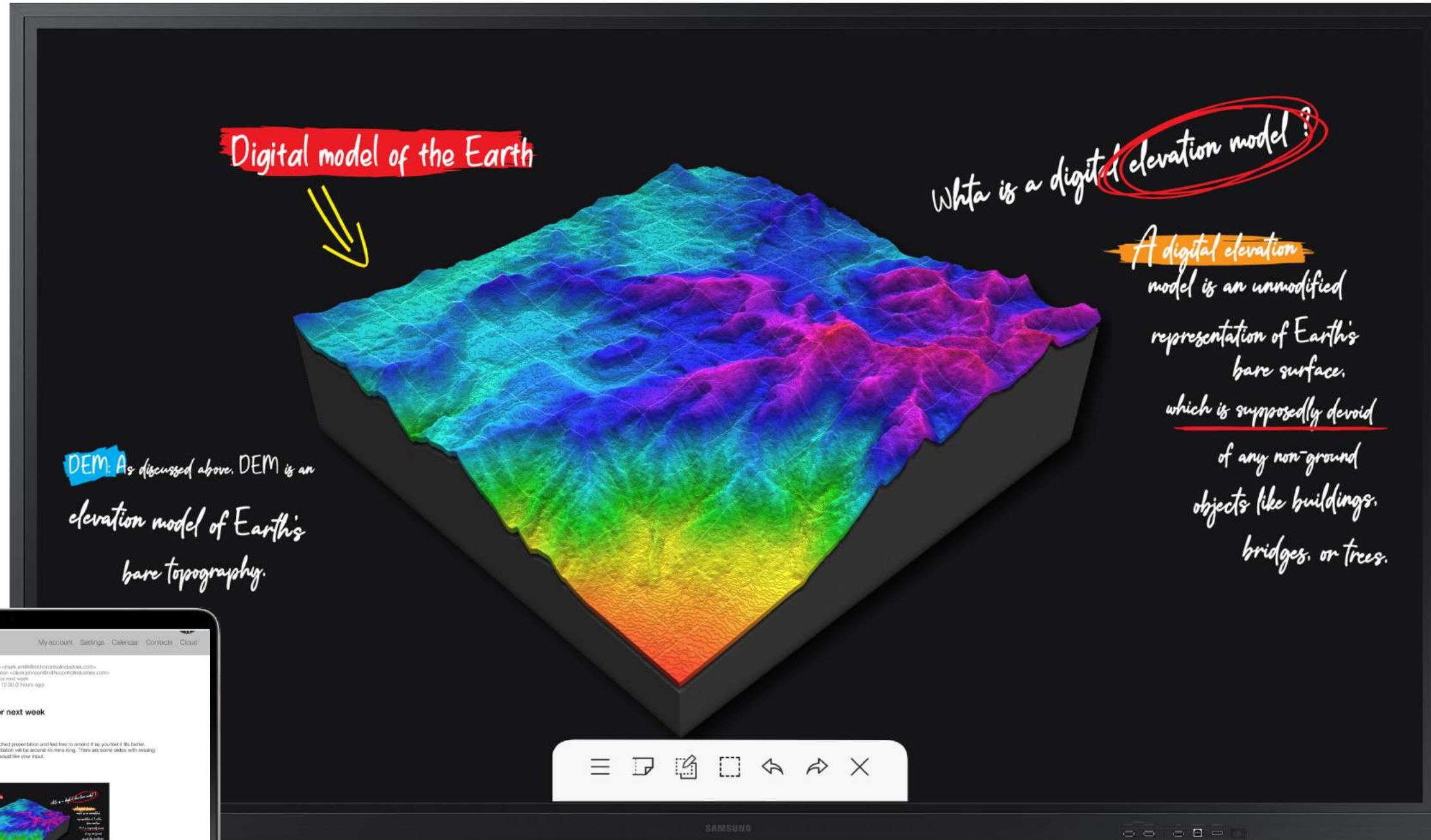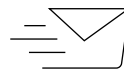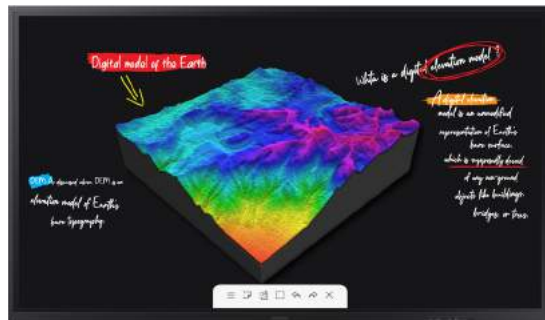
Transform your display with Open Pluggable Specification (OPS)

The OPS slot allows for simple installation of an OPS device to run Windows OS. It transforms the Samsung Interactive Display into a customized learning tool.

Screen Mirroring	WIN10	OPS slot
USB	HDMI	DP
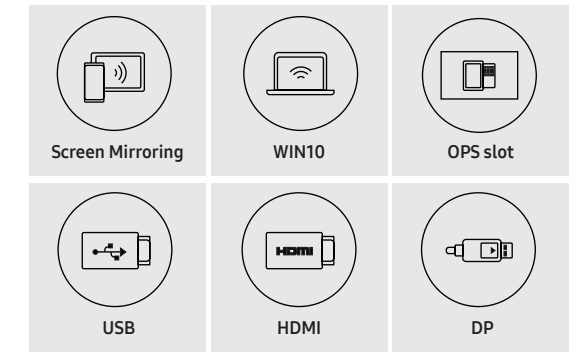
Versatile connectivity

Do more with the Samsung Interactive Display's versatile connection options. USB, HDMI, DP, NFC, OPS slot and screen-sharing capabilities enable optimum collaboration, and provide interactive content visibility, notation and sharing from a variety of devices.

4K UHD

4K UHD ensures crisp, captivating lessons

Creativity and collaborations are stunningly displayed and brilliantly presented in ultra-high definition 4K resolution. Every detail of the lesson is visible and presented the way it was intended. Student engagement is enhanced and attention is increased.

Accelerate transformative and collaborative learning.

Connect your devices

Easily sync the Samsung Interactive Display to almost any device for real-time sharing. Whether a photo on a mobile device or a presentation on a laptop, sharing content across devices is simple. Any edits made to the content on-screen will be mirrored back to the personal device and vice versa, for efficient collaboration.
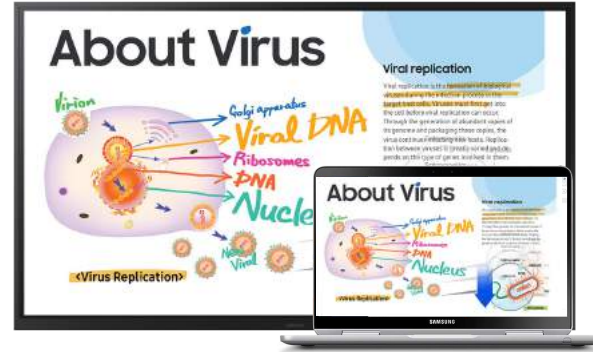
Custom screensaver for constant communication

When the display is not in use, users can select a custom image as a screensaver. The Samsung Interactive Display can then help to announce and promote a wide variety of communications tailored for students, such as an upcoming events calendar.

Varied templates for your classroom needs

The Samsung Interactive Display provides a variety of templates and tools that can be used in class and school environments, from timetables to schedule calendars to strategy boards.
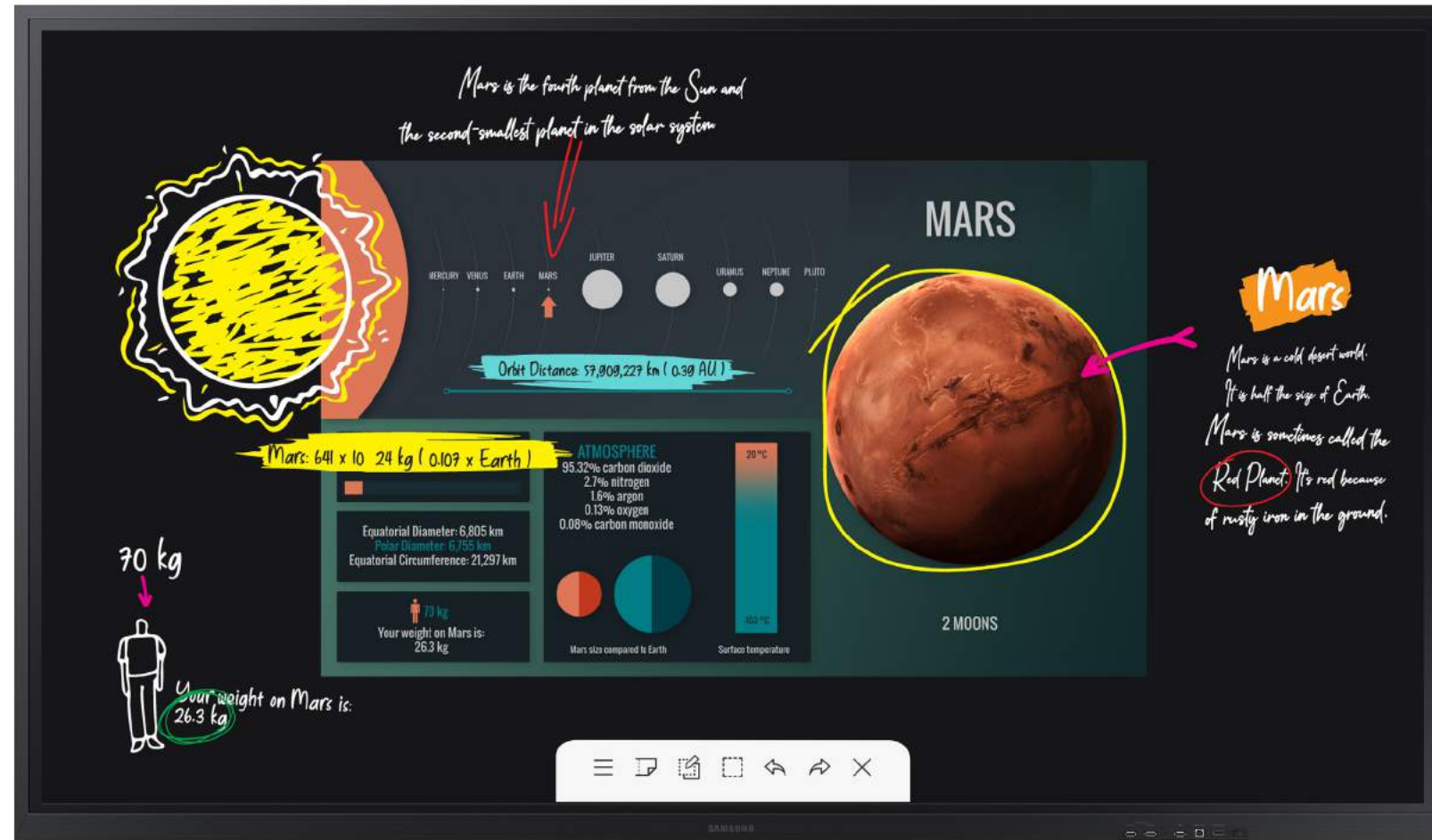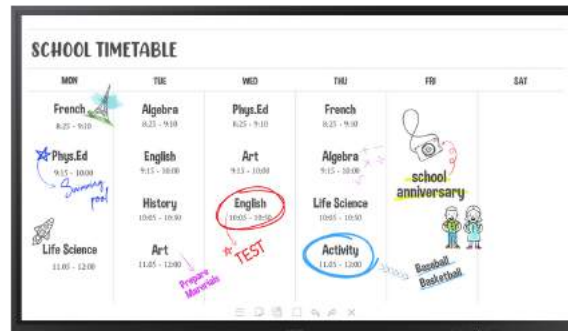

MimioConnect®

Seamless learning from anywhere

The Samsung Interactive Display works seamlessly with MimioConnect to enhance teaching and learning. MimioConnect combines innovative lesson building and instructional tools to create an active learning environment. Teachers and students can connect from anywhere, making this a perfect solution for distance, flipped or blended learning environments. Lessons can be presented to groups of students or assigned for individual, self-paced learning.

Multiple users with multi-touch

The Samsung Interactive Display allows multiple users to annotate or draw simultaneously (up to 20 touch points). Students can write, solve math problems and draw pictures at the same time on the large, clear, 85" UHD display.

| InGlass™ | Multi-Writing Up to 20 | 4 Width Object Recognition | Touch Out Control® |
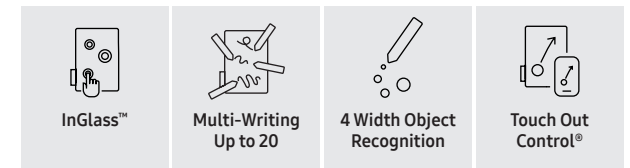
Create freely

The Samsung Interactive Display allows students and teachers to get creative with multiple brush and color medium options, such as water color, oil paint and more. With a full, vibrant color palette and multiple brushes to choose from, every idea will come to life brilliantly.

| Water Color Painting Mode | Oil Painting Mode | Brush Recognition | Color Mixing |
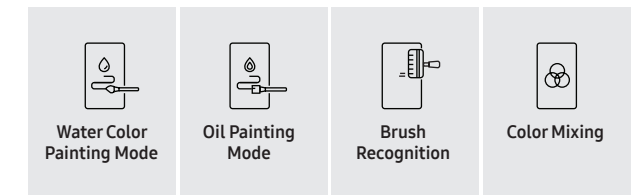
Use securely.
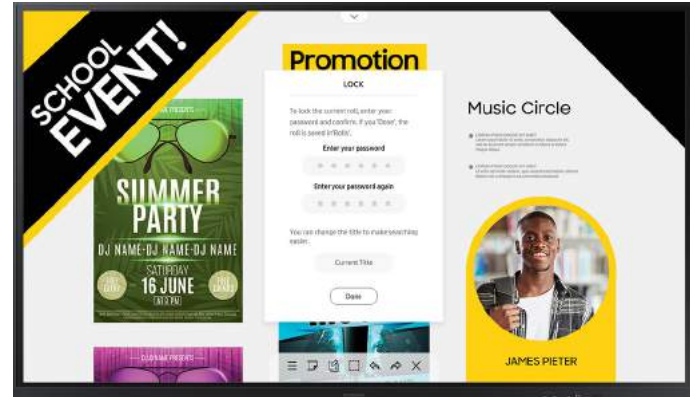# Manage effectively.

Convenient, optimized management

The Samsung Interactive Display makes device management simple, with technology that includes automatic firmware updates, LDAP synchronization, file security, a secure wireless connection and remote management.

Safe, secure content protection

Ensure confidential information remains confidential. With a reinforced 6-digit lock system, each class leader is able to safeguard sensitive content, lock the display and remove critical content from view. Users can also set the Samsung Interactive Display to delete files regularly for enhanced security.

WPA2 (802.1x based standard)
Secure wireless connectivity

LDAP (Lightweight Directory Access Protocol)
Connect to an enterprise user database

OTN (Over the Network)
Automatic firmware updates

File Security
Set to delete files regularly

Remote Management

Remote Firmware Update

Manage remotely

Users can remotely control critical display settings on the Samsung Interactive Display through Samsung's Remote Management solution. Users can remotely power the display on and off, change the pin code, lock the network or USB port and adjust proxy server settings.

Never miss an update

The Samsung Interactive Display's OTN capability can enable automatic firmware updates, for convenient management.

SAMSUNG   Samsung Interactive Display Flip WM85R

|			WM85R
Panel	Diagonal Size		85"
	Type		New Edge, 60Hz
	Resolution		3,840 x 2,160 (Landscape)
	Brightness (Typ.)		350 nits (220 nits with glass)
	Contrast Ratio (Typ.)		4000:1
	Viewing Angle (H / V)		178 / 178
	Response Time (G-to-G)		6ms (Typ.)
	Panel Orientation		Lanscape Only
Sound	Speaker Type		Built in Speaker (10W x 2CH)
Connectivity	Input	Video	HDMI 2 (Rear1, Front 1), DP1, OPS I/F
		USB	2 (Rear / Front), 2.0 / 3.0 External (Front)
	Output	Video	HDMI 1 (Screen Share in Front)
		Audio	1 (Stereo Mini Jack)
		Touch Out	Touch Out 2 (USB Upstream Type, Front 1, Rear 1)
	External	Control	Touch Input
	Wi-Fi / Bluetooth		WiFi/BT Module Embedded
Touch	Type		IR
	Number of Drawing		20 Touch Points
	Touch Pen Type		Passive Pen with Magnet
	Object Recognition Range		2mm/ 4mm / 8mm / 50mm (Brush Mode: Dynamic Object Recognition)
	Touch Response Time		6.7ms
Power	Type		Internal (Main 1ea, OPS 1ea)
	Power Supply		AC 100~240V 50/60Hz
	Power Consumption	Max (W/h)	418 (OPS 19V/3.7A)
		Typical (W/h)	151
		Rating (W/h)	380 (OPS 19V/3.7A)
		Standby (W/h)	0.5
		BTU (W/h)	1,425.38 (OPS 19V/3.7A)
Mechanical	Dimensions	Set (W x H x D)	76.49" x 45.04" x 2.73" / 1942.8 x 1144.1 x 69.4mm
		Package (W x H x D)	84.09" x 51.61" x 10.24" / 2136 x 1311 x 260mm
	Weight	Set	164.24 lbs. / 74.5 kg
		Package	201.72 lbs. / 91.5 kg
	Color		Charcoal Black
	VESA Mount		600 x 400mm
	Protection Glass		Yes
	Wall Mount		WMN8200SF
	Stand Type		Wall Mount
	Media Player Option Type		OPS Slot support
	Rotation		Landscape only
	Power Cable Length		3M
	Accessory		Power Cord, USB Upstream Cable (2), Pen (2, Black), OPS Box, Waranty / QSG
Operation	Operating Temperature		32˚ ~ 104˚F / 0ºC ~ 40ºC
	Humidity		10 ~ 80%, non-condensing
Feature	Key		Interactive Display App
	Special	H/W	Touch Overlay (IR), Front Connectivity (Tray), OPS I/F Support (w/OPS Box) Built in Speaker (10W x 2), Wi-Fi / BT Module Embedded
		S/W	Interactive Display S/W
		Platform	Muse-M (Tizen 5.0)
	Internal Player (Embedded H/W)	Processor	CA72 Quad (1.7GHz) 2MB L2
		On-Chip Cache Memory	L2: 2MB
		Clock Speed	1.7GHz CPU Quad
		Main Memory Interface	LPDDR4 1.6GHz 64bit 2.5GB
		Graphics	GPU: MaliG51 MP4@760MHz
		Storage	8GB (2.65GB Occupied by O/S, 5.35GB Available)
		IO Ports	USB 2.0
		Operating System	Tizen 5.0: Samsung Proprietary OS (VDLinux)
Certification	Security		802.1x (WPA2 Enterprise): EAP-TLS, EAP-TTLS, EAP-PEAP
Accessories	Included		Power Cord, USB Upstream Cable (2), Pen (2, Black), OPS Box, Waranty / QSG
	Optional	Wall Mount	WMN8200SF

Connectivity

1. USB (1.0A)
2. LAN
3. SERVICE
4. HDMI In 1
5. DP In
6. Touch Out
7. Audio Out
8. Interactive Pen
9. OPS Slot

SCHOOL TIMETABLE
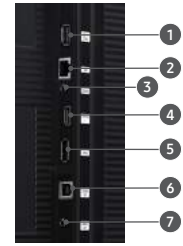
Learn More   samsung.com/display   insights.samsung.com

Product Support   1-866-SAM4BIZ   **Follow Us**   ▶ youtube.com/samsungbizusa   🐦 @SamsungBizUSA

SAMSUNG