

LOOKBOOK K-12 Education



EARTH DAY



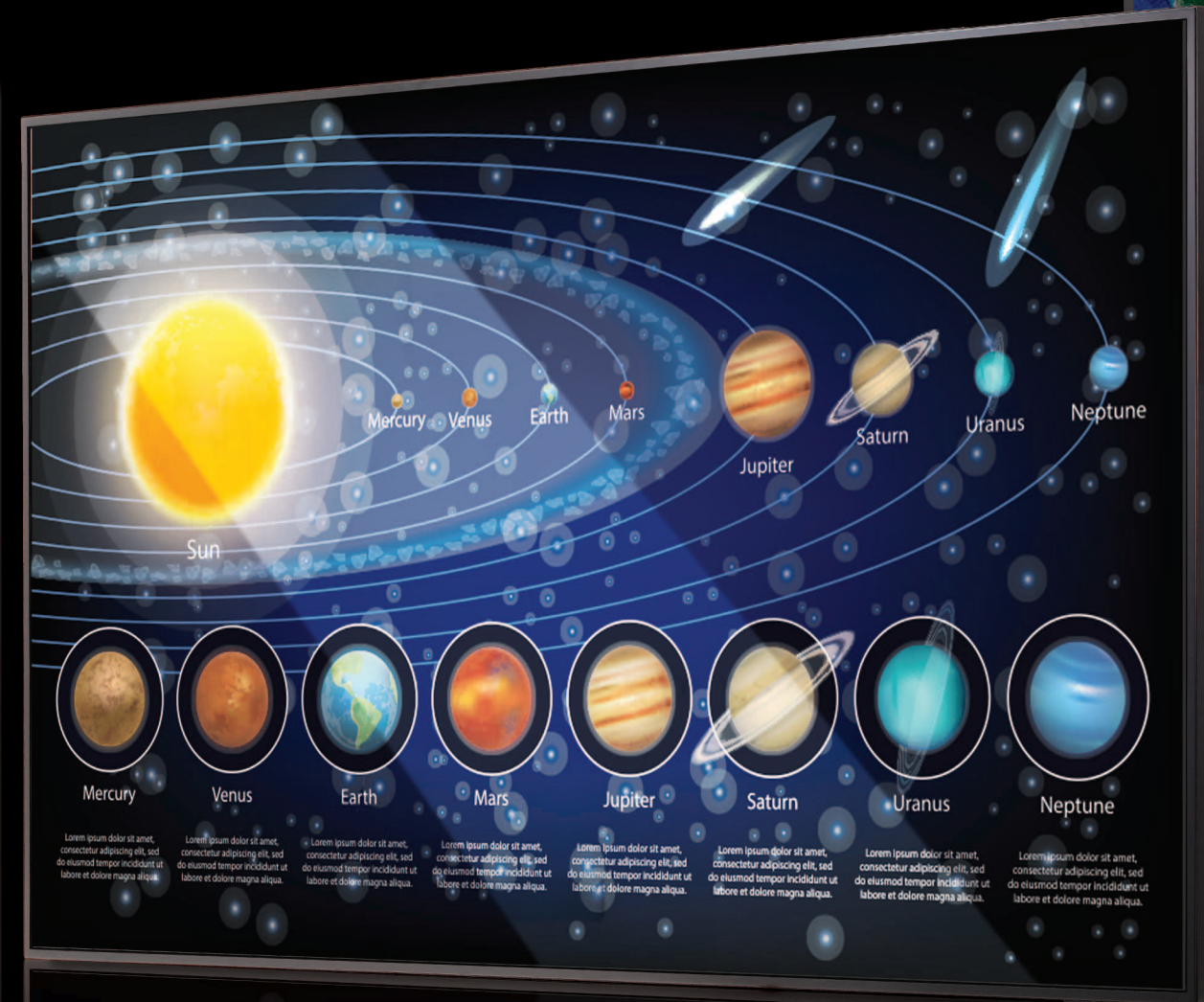
AGENDA

- ervation Science Project Winner
- Recycling Program All Week
- The Day of Earth Art Festival
- School Assembly

Tuesday



Mac-n-cheese



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LG provides a wide-array of display options that can create a more engaged and productive learning environment.

Children have embraced technology. In fact, recent research revealed that the average age a child gets their first smartphone is 10.3 years old, and nearly 50% of children have social media accounts by age 12¹. Recognizing this, educators are turning to more dynamic solutions to create a more engaged learning environment. Digital signage can play a key role in this endeavor.

LG offers a wide range of commercial display options to address school-wide communication needs. From interactive digital displays and UltraFine™ monitors in classrooms and Full-HD Displays and Smart Platform Digital Signs with Touch-Screen, to large indoor direct-view LED video walls in gymnasiums, a network of digital signs can work hard to enhance learning by inspiring interaction, while improving communications and wayfinding, and act as centralized emergency broadcasting.

Layout 1
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- a Outdoor Display - 75XE3C**
 - 75" Class 74.5" (diagonal)
 - Resolution: 3840 x 2160 (UHD), M+
 - Brightness: 3000 nits (Typ) 2400 nits through protective glass
 - Contrast Ratio: 1200:1
 - Surface Treatment Hard coating (2H), Anti-glare treatment of the front polarizer (Haze 3% (Typ.)
 - Operation Temperature: -30 °C to 50 °C
 - Operation Humidity: 5 % to 100 %
 - Use in Direct Sunlight
 - Dust/Water Resistant: IP56 Rated



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- a Ultra-Stretch Signage- 86BH5C**
 - 86" Class (85.6" diagonal)
 - IPS Panel Technology
 - 3840 x 600 Ultra HD Resolution
 - 58:9 Extended Wide Format
 - 4 Divided PBP in Landscape or Portrait
 - Brightness: 500 nits (typical)
 - Built-in SoC and Synced Playback
 - Portrait and landscape orientation
 - Pedestal types: Single, double, triple and 4-sided



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- a** **UHD Signage - 60UL3E**
- 60" Class
 - Resolution: 3840 x 2160 (UHD)
 - Brightness: 400 nits
 - Wake on LAN (WOL)
 - Simple Network Management Protocol (SNMP)
 - Crestron Connected® Certified
 - Cisco WebEx Room Kits Certified
 - webOS
 - USB Data Cloning
 - USB Cloning

Alternative Products:

UHD Signage TV - UH5E-B Series

- 98" Class
- 86" Class
- 75" Class

FHD/HD Commercial TV - LT340C Series

- 49" Class
- 43" Class
- 32" Class

FHD Signage TV - SM5KE Series

- 55" Class
- 49" Class
- 43" Class
- 32" Class

FHD Signage TV - SE3KD Series

- 65" Class
- 55" Class
- 49" Class
- 43" Class
- 32" Class



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- a** 24" Thin Client All-In-One - 24CK550W-3A
- 24" Class (23.8" Diagonal)
 - Resolution: 1920 x 1080
 - Brightness: 250 nits (Typ)
 - Contrast Ratio: 1000:1
 - Windows 10 IoT Enterprise
 - Memory: 4GB DDR4 (up to 8GB)
 - Storage SSD: 32GB
 - Built-in Speakers (3W x 2)

Alternative Products:

38" Curved Thin Client AIO- 38CK950N-1C

- 38" Class

Zero Client AIO Desktop Monitor - 24CAV37K-B

- 24" Class

Zero Client AIO Desktop Monitor - 23CAV42K-BL

- 23" Class

Zero Client AIO Desktop Monitor - 20CAV37K-B

- 20" Class



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- a Ultra HD Signage - 98UH5E-B**
- 98" Class
- Resolution: 3840 x 2160 (UHD)
- Brightness: 500 nits
- IPS Panel Technology
- Contrast Ratio 1300:1
- Response Time 8ms (G to G BW) (Typ)
- Crestron Connected® Certified
- Cisco WebEx Room Kits Certified
- Portrait and landscape orientation
- 24 hour Operation



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- a** **Narrow Bezel Video Wall -55VM5E**
 - 55" Class (54.64" diagonal)
 - Resolution: 1920 x 1080 (FHD)
 - Brightness: 500 nits
 - Tile Mode up to 15 x 15 (Natural mode)
 - IPS Panel Technology
 - Bezel Width 0.9mm (Even)
 - Running Time: 24 Hours
 - Built-in SoC* and Synced Playback
 - webOS 2.0
 - Portrait and landscape orientation

* System on Chip

Alternate Size Available:

- 49VM5E 49" Class



Layout 7
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- a** Large Format Indoor DVLED – LAS025DB2-F
 - Pixel Configuration 3 in 1 SMD
 - Pixel Pitch (mm) 2.50
 - Module Resolution (WxH, Pixels) 120 x 68
 - Physical Pixel Density 158,637 pixels/m²
 - Front Service Access
 - Min. Brightness (After Calibration) 600 nits
 - Visual Viewing Angle (Horizontal) 160°
 - Visual Viewing Angle (Vertical) 140°
 - Brightness Uniformity ≥97%
 - Contrast Ratio 3,000:1



Layout 8
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- a** Smart webOS Monitor - 55SM5KE-B
- 55" Class (54.9" Diagonal)
 - 1920 x 1080 (FHD)
 - Brightness 450 nits
 - Embedded Content Management
 - PBP (Picture-By-Picture)
 - PIP (Picture-In-Picture)
 - Conformal Coating
 - Portrait and landscape orientation



a

Tuesday

Mac-n-cheese

April 9th

Philly CheeseSteak

April Lunch Schedule

MON	TUE	WED	THU	FRI
1 Orange Chicken with Steamed Brown Rice OR Grilled Cheese Sandwich Served with a variety of Fresh Fruit and Vegetables	2 PIZZA DAY! Served with a variety of Fresh Fruit and Vegetables	3 MAKE YOUR OWN TACOS Hard or Soft Shell Tacos With a Variety of Fresh Fruit and Vegetables	4 DELI SANDWICHES Choice of Meats, Cheeses and Toppings OR Chicken Tenders Variety of Fresh Fruit and Vegetables	5 CUSTOM PASTA BOWL Choice of Sauces, Toppings OR Meatball Sandwich Fresh Fruit and Vegetables
8 BONELESS CHICKEN WINGS Tossed to order in your favorite sauce OR Cheese Pizza Seasoned Crusty Fries	9 CREAMY HOME-STYLE MAC-N-CHEESE OR Philly Steak Sandwich Variety of Fresh Fruit and Vegetables	10 ALL AMERICAN DAY Burger, Hot Dog, OR Grilled Chicken Pick your toppings Vegetables/Consumed Wedges	11 SOUPS ON! Choose 3 fresh made soups Served with a variety of half deli sandwiches Variety of Fresh Fruit and Vegetable	12 BAKED POTATO With your choice of toppings Served with choice of Variety of Fresh Fruit and Vegetables
15 PIZZA DAY! Served with a variety of Fresh Fruit and Vegetables	16 MAKE YOUR OWN TACOS Hard or Soft Shell Tacos with a Variety of Fresh Fruit and Vegetables	17 DELI SANDWICHES Choice of Meats, Cheeses and Toppings OR Chicken Tenders Variety of Fresh Fruit and Vegetables	HAPPY Presidents DAY	19 SOUPS ON! Choose 3 fresh made soups Served with a variety of half deli sandwiches Variety of Fresh Fruit and Vegetables
22 Orange Chicken with Steamed Brown Rice OR Grilled Cheese Sandwich Served with a variety of Fresh Fruit and Vegetables	23 CREAMY HOME-STYLE MAC-N-CHEESE OR Philly Steak Sandwich Variety of Fresh Fruit and Vegetables	24 ALL AMERICAN DAY Burger, Hot Dog, OR Grilled Chicken Pick your toppings Vegetables/Consumed Wedges	25 SOUPS ON! Choose 3 fresh made soups Served with a variety of half deli sandwiches Variety of Fresh Fruit and Vegetable	26 BAKED POTATO With your choice of toppings Served with choice of Variety of Fresh Fruit and Vegetables
29 SOUPS ON! Choose 3 fresh made soups Served with a variety of half deli sandwiches Variety of Fresh Fruit and Vegetable	30 PIZZA DAY! Served with a variety of Fresh Fruit and Vegetables			

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- a** Ultra Stretch Display - 88BH7D
 - 88" Class (87.8" diagonal)
 - Resolution: 3840 x 1080 (UHD)
 - Brightness: 700 nits
 - IPS Panel Technology
 - 32:9 aspect ratio
 - Stand-alone
 - Installation types: Stand alone, Tri-Sided, Quad-Sided, Video wall
 - 360-degree video column
 - Touch-Screen
 - 4x Picture-by-Picture

NOTE: Some pedestals supplied by third-party system integrator.



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a Smart Platform Digital Signage - 49SM5KD*

- 49" Class (48.5" diagonal)
- Resolution: 1920 x 1080 (FHD)
- Brightness: 450 nits
- Bezel 11.9 mm (T/R/L), 18 mm (B)
- PBP (Picture-By-Picture)
- PIP (Picture-In-Picture)
- Quad Core SoC
- webOS
- IP Streaming Protocol
- Dust & Humidity Protection
- 24/7 operation
- Portrait and landscape orientation

b Touch Overlay Kit - KT-T490*

- 49" Class
- Multi-Touch with Slim Bezel
- 10 Point Multi-Touch
- Ghost-Free Touch
- Overlay Touch
- Compatible Products: 49SE3B, 49SM5B, 49SE3KB, 49SM5KB, 49SM3B, 49SL5
- Portrait and landscape orientation

* Third-party mounting stand sold separately



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a Interactive Digital Board - 86TR3E

- 86" Class
- Resolution: 3840 x 2160 (UHD)
- Brightness: 410 nits
- Ultra HD Interactive Digital Board
- Wide Viewing Angle with IPS Panel
- PBP (Picture by Picture)
- PIP (Picture in Picture)
- Small Object Touch
- Intuitive Touch
- 20 Point Multi-Touch

Alternative Products:

Interactive Digital Board- TC3D-B Series

- 75" Class
- 65" Class
- 55" Class

Interactive Digital Board- TA3E-B Series

- 55" Class
- 49" Class
- 43" Class
- 32" Class



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a Ultra Narrow Bezel Video Wall - 55SVH7E

- 55" Class
- Resolution: 1920 x 1080 (FHD)
- Brightness: 700 nits
- Tile Mode up to 15 x 15 (Natural mode)
- IPS Panel Technology
- 0.44mm Even Bezel
- Running Time: 24 Hours
- Portrait and landscape orientation

b 27" UltraFine™ IPS Monitor - 27BL85U-W

- Resolution: 3840 x 2160 (UHD)
- HDR10 / VESA DisplayHDR™ 400
- USB Type-C, HDMI (x2), DP, USB 3.0
- Tilt / Height / Pivot Adjustable
- Arcline Stand / Standard wall mount



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- a** Direct View LED Outdoor Display - LBS Series
 - Brightness (After Calibration): 6000 nits minimum
 - Horizontal Viewing Angle: 160°
 - Contrast Ratio: 3000:1
 - Lifetime (half brightness): 80,000 - 100,000 hrs
 - Pixel Pitch (mm): 6.00 - 20.00
 - Service Access: Front & Rear



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Specific Applications for Signage

LG's displays fit into a broad array of applications – with full software and technological support available.

Create A More Dynamic Learning Environment

A network of Interactive Digital Boards, Multiple Screen Split-Ultra HD Signage, UltraFine™ Desktop Monitors and UHD Commercial TVs can transform classrooms into dynamic, interactive, and engaging learning centers that invite students to explore, create and expand their horizons.

Wayfinding

Digital displays located throughout school grounds can provide bright, clear wayfinding, making it easy for new students and guests to find their way around. From simple maps to interactive touch screens with compatible apps for off-loading directions, wayfinding solutions are as simple or as complex as needed.

Creating a More Secure Environment

To monitor school grounds, Fine-Pitch Indoor DVLED, IPS desktops and Ultra-Wide screens maximize viewing multiple camera feeds to improve security. webOS applications integrate to feed social media, weather and even travel alerts into the system so faculty can stay informed, respond quickly and improve the efficiency of alert broadcast systems.

Improve Faculty and Staff Communications

Campus administrators looking to improve efficiencies can employ a network on digital signs for critical faculty and staff communications, including data sharing, computing and scheduling. High Performance Virtual Computers make it easier to create and distribute class resources and software updates while reducing the load on IT and technical staff. LG's webOS supports real-time data integration so that you can create real-time class and room schedules, sports scores and even IPTV or web pages. Connect with documents and data sources like Excel, SAP and MS Exchange to share developments and information.

Simplify Network Installation and Operations

LG commercial displays with embedded SoC feature the webOS Smart Signage Platform, giving you powerful multimedia capabilities and the critical management tools to address enterprise-class requirements. Integrated remote management capability allows you to monitor and control your webOS Smart Signage Platform remotely.

Conclusion

LG Commercial digital displays are designed to provide outstanding performance while reducing TCO, and can help you create a dynamic, engaged learning environment, more efficient communications and enhanced safety. Customized solutions and features like webOS and System-On-Chip can simplify installation and reduce maintenance cost, while advanced IPS panels yield outstanding brightness and color reproduction with lower power consumption. Founded on four key pillars; Superior Display Quality, Practical Design, Reliability and Low Total Cost of Operation, LG has the right products for every school need.



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