

29	(ر)	سَوْنَرِ ۲۰۲۳ دَوْنَرِ ۲۰۲۳ دَوْنَرِ ۲۰۲۳ -
29	(ر)	سَوْنَرِ ۲۰۲۳ دَوْنَرِ ۲۰۲۳ دَوْنَرِ ۲۰۲۳ 60 (سَوْنَرِ ۲۰۲۳) دَوْنَرِ ۲۰۲۳.
30	(ر)	سَوْنَرِ ۲۰۲۳ دَوْنَرِ ۲۰۲۳ دَوْنَرِ ۲۰۲۳ -

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(b)

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3- موسم

موسم کے نذرانہ / موسمیاتی / موسم کے نذرانہ

موسم کے نذرانہ	موسم کے نذرانہ
10 (پہلا)	پہلا موسم
20 (دوسرا)	دوسرا موسم
06 (تیسرا)	تیسرا موسم
80 (چوتھا)	چوتھا موسم
12 (پنجم)	پنجم موسم

- 1- موسم کے نذرانہ میں **سب سے پہلا موسم (پہلا موسم 6)** کو پہلا موسم کے نذرانہ میں شامل کیا جائے گا۔
- 2- موسم کے نذرانہ میں موسم کے نذرانہ میں شامل کیا جائے گا۔
- 3- سب سے پہلا موسم کے نذرانہ میں موسم کے نذرانہ میں شامل کیا جائے گا۔
- 4- موسم کے نذرانہ میں موسم کے نذرانہ میں شامل کیا جائے گا۔

10 Pen Tablet

Specification for Pen Tablet

Brand	(Vendor to specify)
Model	(Vendor to specify)
Chrome OS Compatibility	(Vendor to provide proof)
Product type	Tablet with pressure-sensitive, cordless, battery-free pen
Color	Black
Size	200 x 160 x 8.8 mm
Active Area	152 x 95 mm
Wireless	Bluetooth Classic
Battery	Built-in, non-replaceable Li-ion battery
Continuous operation time	15 hours minimum
Charging Time	Up to 3.5 hours
Pen	- Cordless, pressure-sensitive, battery-free pen with built-in pen nib compartment and nib removal tool at end. - Must have 2 customizable side switches.
Technology	Patented electromagnetic resonance method
Pen pressure levels	4096
Multi-touch	No
Resolution	2540 lpi
Reading Speed (pen)	133 pps
Connectivity	USB-A Bluetooth Classic for wireless connection
On/Off/Bluetooth Pairing button	Yes
Reset button	Yes
Ergonomics	Right or left-handed use. Pen with comfortable, ergonomic grip.
Operating System Compatibility	Windows 7 or later, Chrome OS 87 or later (Kernel 4.4 + required), Android smartphone and/or tablet (OS version 6.0

	and above) with OTG features, MacOS X 10.11 or later
Accessories	- USB cable with cable tidy and L-shaped connector - 3 extra standard nibs (located inside pen) - Nib removal tool on end of pen

20 Ear Headsets

Specification for Full Over-Ear Headsets with soft foam ear covers and Omnidirectional Microphone

Brand	(Vendor to specify)
Model	(Vendor to specify)
Color	Black
Space saving for storage	Swivel to store
Ear Cushions	Soft cushions with breathable leatherette
Cable Length/Type	1.8 m braided cable
Weight	223 g (0.49 lb)
Controls	Mic mute / unmute, Volume up / down
Distortion	< 5%
Driver	50 mm drivers
Frequency Range	50 Hz - 20 KHz
Impedance	32 ohms
Sensitivity	110 ± 3dB / 1mW @ 1 KHz
Audio Input	4 - pole single 3.5 mm or 3 - pole dual 3.5 mm
Maximum Operating Temperature	50 °C
Minimum Operating Temperature	-20°C
Maximum Relative Humidity (%)	95%
Minimum Relative Humidity (%)	65%
Connection Accessory	single 3.5 mm to dual 3.5 mm Y cable
Microphone foam cover	Yes

Microphone	Ominidirectional
Connection Type	Wired via 3.5 mm

06 Document Scanner

Specification for High Speed Auto Duplex Colour Document Scanner

Brand	(Vendor to specify)
Model	(Vendor to specify)
Scanner Type	Dual Contact Image Sensor, Sheet-fed
Scan Speeds (max)	Simplex: Up to 40ppm (Black/Colour) Duplex: Up to 80ipm (Black/Colour)
Scan Resolution (max)	Optical: Up to 600 x 600 DPI Interpolated: Up to 1200 x 1200 DPI
Scan to Capability	PC (Image, Email, OCR, File), Network Folder, FTP, SFTP, USB Memory Stick, Mobile Devices
Advanced Scanning Features	Scan preview, Auto deskew, Auto scan size, Auto image rotation, Continuous scan, Background colour removal, Blank page skip, Colour drop out, Bleed-through removal, Auto start scan, 2 in 1 scan, 1 to 2 scan, Multi-page feed sensor, Hole punch removal, Index, Barcode metadata, Document separation
Standard Interfaces	Wireless 802.11b/g/n Ethernet USB 3.0
Operating Systems Compatibility	Windows 7 SP1, Windows 10, Windows Server 2019, MacOS v10.14.x, v10.15.x, v11, v11.1.x
Scan Drivers Included	TWAIN, WIA, ISIS, SANE
Scan Driver OS Compatibility	Windows, Mac, Linux
Supported File Formats	Searchable PDF, Secure PDF, Signed PDF, PDF/A, High Compression
Cloud Services	Google Drive
Security Features	Active Directory, LDAP, Secure Function Lock, Setting Lock, IP Filter,
Auto Document Feeder Capacity (maximum)	80 pages

Media Types	Plain, Receipts and Photos (carrier sheet recommended), Business Cards, Plastic/Laminated Cards (including embossed), Index Card
Media Weight (min/max)	11 - 53 lbs.
Media Thicknesses	0.08mm - 0.28mm (0.003" - 0.01")
Plastic Card Thickness	Embossed: Up to 1.32mm (0.05") Without Embossing: Up to 1.10mm (0.04")
Document Size (min/max)	2.0"-8.5" (W), 2.0"-197" (L)
Plastic Card Size	2.13" (W), 3.37" (L)
Display 4.3"	Color Touchscreen
Software	Relevant supported software for the scanner

80 Bluetooth Mouse

Specification for ChromeOS compatible Bluetooth Mouse

Brand	(Vendor to specify)
Model	(Vendor to specify)
ChromeOS Compatibility	(Vendor to provide proof)
Color	Black
Connectivity	Bluetooth (without receiver dongle)
Nano Receiver	Must present. Storage space/compartament within the device must be available.
Dimensions	107 (H) x 59 (W) x 26.5 (D) mm
Weight (with batteries)	100 g / 3.53 oz
Nano receiver	14.4 (H) x 18.7 (W) x 6.1 (D) mm, 1.8 g
Sensor Technology	High-precision Optical tracking
Sensor resolution	1,000 DPI
Number of Buttons	3
Scroll Wheel	Yes. Mechanical
Scroll Buttons	Middle Button
Unifying ready mouse	Yes
Unifying ready receiver	No

Battery	18 months
Battery type	1 AA pre-installed battery
Wireless operating distance	10 m

12 Monitors

Specification for 22 inch Monitors

Brand	(Vendor to specify)
Model	(Vendor to specify)
Monitor Front Bezel Color	Black
Diagonal Size	22 inches (21.5 inches)
Screen Type	Flat Screen
Resolution	1920 x 1080
Aspect Ratio	16:9
Stand Adjustability	Tilt
Brightness	250 cd/m ²
Contrast Ratio	1000:1
Display Screen Coating	Anti-Glare
Connection Port(s)	1 x HDMI OR 1 x VGA
Connection Cable	If HDMI port, then HDMI Cable. If VGA port, then HDMI to VGA converter with VGA cable.
Power Cord	UK Plug

3 - قىممەت

36 قىممەت (مەبلەغ رەقەم) ۋە ئىشلىتىش ۋە تەتقىقات مەبلەغى (2023-يىلى ۋە تەتقىقات مەبلەغى)

مەبلەغ ئىشلىتىش ۋە تەتقىقات مەبلەغى ۋە تەتقىقات مەبلەغى

مەبلەغ ئىشلىتىش ۋە تەتقىقات مەبلەغى	مەبلەغ ئىشلىتىش ۋە تەتقىقات مەبلەغى	مەبلەغ ئىشلىتىش ۋە تەتقىقات مەبلەغى	مەبلەغ ئىشلىتىش ۋە تەتقىقات مەبلەغى	مەبلەغ ئىشلىتىش ۋە تەتقىقات مەبلەغى	مەبلەغ ئىشلىتىش ۋە تەتقىقات مەبلەغى
مەبلەغ ئىشلىتىش ۋە تەتقىقات مەبلەغى (مەبلەغ ئىشلىتىش ۋە تەتقىقات مەبلەغى)	مەبلەغ ئىشلىتىش ۋە تەتقىقات مەبلەغى	مەبلەغ ئىشلىتىش ۋە تەتقىقات مەبلەغى	مەبلەغ ئىشلىتىش ۋە تەتقىقات مەبلەغى	مەبلەغ ئىشلىتىش ۋە تەتقىقات مەبلەغى	مەبلەغ ئىشلىتىش ۋە تەتقىقات مەبلەغى

مەبلەغ:

1. مەبلەغ ئىشلىتىش ۋە تەتقىقات مەبلەغى 3 قىممەت ئىشلىتىش ۋە تەتقىقات مەبلەغى.
2. مەبلەغ ئىشلىتىش ۋە تەتقىقات مەبلەغى مەبلەغ ئىشلىتىش ۋە تەتقىقات مەبلەغى، مەبلەغ ئىشلىتىش ۋە تەتقىقات مەبلەغى ۋە تەتقىقات مەبلەغى.
3. مەبلەغ ئىشلىتىش ۋە تەتقىقات مەبلەغى مەبلەغ ئىشلىتىش ۋە تەتقىقات مەبلەغى ۋە تەتقىقات مەبلەغى، مەبلەغ ئىشلىتىش ۋە تەتقىقات مەبلەغى ۋە تەتقىقات مەبلەغى.
 - مەبلەغ ئىشلىتىش ۋە تەتقىقات مەبلەغى
 - مەبلەغ ئىشلىتىش ۋە تەتقىقات مەبلەغى
 - مەبلەغ ئىشلىتىش ۋە تەتقىقات مەبلەغى
 - مەبلەغ ئىشلىتىش ۋە تەتقىقات مەبلەغى
 - مەبلەغ ئىشلىتىش ۋە تەتقىقات مەبلەغى
 - مەبلەغ ئىشلىتىش ۋە تەتقىقات مەبلەغى (مەبلەغ ئىشلىتىش ۋە تەتقىقات مەبلەغى)
4. مەبلەغ ئىشلىتىش ۋە تەتقىقات مەبلەغى مەبلەغ ئىشلىتىش ۋە تەتقىقات مەبلەغى 20 مەبلەغ ئىشلىتىش ۋە تەتقىقات مەبلەغى.
5. مەبلەغ ئىشلىتىش ۋە تەتقىقات مەبلەغى مەبلەغ ئىشلىتىش ۋە تەتقىقات مەبلەغى مەبلەغ ئىشلىتىش ۋە تەتقىقات مەبلەغى.

4 - جدول

مؤتمري نوم				
1. مؤتمري نوم و مؤتمري نوم				
#	مؤتمري نوم	مؤتمري نوم	مؤتمري نوم	مؤتمري نوم
1	30 نومبر 2023			
	31 نومبر 2023			
	31 دسمبر 2023			
	جدول			
	مؤتمري نوم			
مؤتمري نوم				
2. مؤتمري نوم 2 نومبر 2021				
				2021 نومبر 2021
				2020 نومبر 2020
	جدول			
	مؤتمري نوم			

مؤتمري نوم:

1. مؤتمري نوم 3 نومبر 2023 نومبر 2023 نومبر 2023.
2. مؤتمري نوم 2 نومبر 2023 نومبر 2023 نومبر 2023. (مؤتمري نوم: 1 نومبر 2023 نومبر 2023 نومبر 2023.)
3. مؤتمري نوم 2 نومبر 2023 نومبر 2023 نومبر 2023. (مؤتمري نوم: 1 نومبر 2023 نومبر 2023 نومبر 2023.)
4. مؤتمري نوم 20 نومبر 2023 نومبر 2023 نومبر 2023. (مؤتمري نوم: 100 نومبر 2023 نومبر 2023 نومبر 2023.)

5 - سَوَدُ قَدِيمٌ

سَوَدُ قَدِيمٌ وَفَوَدُ قَدِيمٌ وَفَوَدُ قَدِيمٌ وَفَوَدُ قَدِيمٌ

سَوَدُ قَدِيمٌ وَفَوَدُ قَدِيمٌ	سَوَدُ قَدِيمٌ وَفَوَدُ قَدِيمٌ وَفَوَدُ قَدِيمٌ وَفَوَدُ قَدِيمٌ	سَوَدُ قَدِيمٌ وَفَوَدُ قَدِيمٌ
70	70 \div $\frac{\text{سَوَدُ قَدِيمٌ وَفَوَدُ قَدِيمٌ}}{\text{سَوَدُ قَدِيمٌ وَفَوَدُ قَدِيمٌ وَفَوَدُ قَدِيمٌ}}$	سَوَدُ قَدِيمٌ
10	10 \times $\frac{\text{سَوَدُ قَدِيمٌ وَفَوَدُ قَدِيمٌ}}{\text{سَوَدُ قَدِيمٌ وَفَوَدُ قَدِيمٌ وَفَوَدُ قَدِيمٌ}}$	سَوَدُ قَدِيمٌ وَفَوَدُ قَدِيمٌ
10	10 \div $\frac{\text{سَوَدُ قَدِيمٌ وَفَوَدُ قَدِيمٌ}}{\text{سَوَدُ قَدِيمٌ وَفَوَدُ قَدِيمٌ وَفَوَدُ قَدِيمٌ}}$	سَوَدُ قَدِيمٌ
10	سَوَدُ قَدِيمٌ وَفَوَدُ قَدِيمٌ 2 سَوَدُ قَدِيمٌ وَفَوَدُ قَدِيمٌ	سَوَدُ قَدِيمٌ
100		سَوَدُ قَدِيمٌ

۶ - قلم
مؤتمرو ۲۰۲۳

Specification: Pen Tablet

NOTE: Ministry of Education reserves the right to reject any item that it does not see fit.

Vendor must specify "Yes" or "No" on feature matches, other than Brand and Model

Brand	(Vendor to specify)	
Model	(Vendor to specify)	
Chrome OS Compatibility	(Vendor to provide proof)	
Product type	Tablet with pressure-sensitive, cordless, battery-free pen	
Color	Black	
Size	200 x 160 x 8.8 mm	
Active Area	152 x 95 mm	
Wireless	Bluetooth Classic	
Battery	Built-in, non-replaceable Li-ion battery	
Continuous operation time	15 hours minimum	
Charging Time	Up to 3.5 hours	
Pen	- Cordless, pressure-sensitive, battery-free pen with built-in pen nib compartment and nib removal tool at end. - Must have 2 customizable side switches.	
Technology	Patented electromagnetic resonance method	
Pen pressure levels	4096	
Multi-touch	No	
Resolution	2540 lpi	
Reading Speed (pen)	133 pps	
Connectivity	USB-A Bluetooth Classic for wireless connection	
On/Off/Bluetooth Pairing button	Yes	
Reset button	Yes	
Ergonomics	Right or left-handed use. Pen with comfortable, ergonomic grip.	
Operating System Compatibility	Windows 7 or later, Chrome OS 87 or later (Kernel 4.4 + required), Android smartphone and/or tablet (OS version 6.0 and above)	

	with OTG features, MacOS X 10.11 or later	
Accessories	- USB cable with cable tidy and L-shaped connector - 3 extra standard nibs (located inside pen) - Nib removal tool on end of pen	

Specification: Full Over-Ear Headsets with soft foam ear covers and Omnidirectional Microphone

NOTE: Ministry of Education reserves the right to reject any item that it does not see fit.

Vendor must specify "Yes" or "No" on feature matches, other than Brand and Model

Brand	(Vendor to specify)	
Model	(Vendor to specify)	
Color	Black	
Space saving for storage	Swivel to store	
Ear Cushions	Soft cushions with breathable leatherette	
Cable Length/Type	1.8 m braided cable	
Weight	223 g (0.49 lb)	
Controls	Mic mute / unmute, Volume up / down	
Distortion	< 5%	
Driver	50 mm drivers	
Frequency Range	50 Hz - 20 KHz	
Impedance	32 ohms	
Sensitivity	110 ± 3dB / 1mW @ 1 KHz	
Audio Input	4 - pole single 3.5 mm or 3 - pole dual 3.5 mm	
Maximum Operating Temperature	50 °C	
Minimum Operating Temperature	-20°C	
Maximum Relative Humidity (%)	95%	
Minimum Relative Humidity (%)	65%	
Connection Accessory	single 3.5 mm to dual 3.5 mm Y cable	
Microphone foam cover	Yes	

Microphone	Ominidirectional	
Connection Type	Wired via 3.5 mm	

Specification: High Speed Auto Duplex Colour Document Scanner for student assignment submission

NOTE: Ministry of Education reserves the right to reject any item that it does not see fit

Vendor must specify "Yes" or "No" on feature matches, other than Brand and Model

Brand	(Vendor to specify)	
Model	(Vendor to specify)	
Scanner Type	Dual Contact Image Sensor, Sheet-fed	
Scan Speeds (max)	Simplex: Up to 40ppm (Black/Colour) Duplex: Up to 80ipm (Black/Colour)	
Scan Resolution (max)	Optical: Up to 600 x 600 DPI Interpolated: Up to 1200 x 1200 DPI	
Scan to Capability	PC (Image, Email, OCR, File), Network Folder, FTP, SFTP, USB Memory Stick, Mobile Devices	
Advanced Scanning Features	Scan preview, Auto deskew, Auto scan size, Auto image rotation, Continuous scan, Background colour removal, Blank page skip, Colour drop out, Bleed-through removal, Auto start scan, 2 in 1 scan, 1 to 2 scan, Multi-page feed sensor, Hole punch removal, Index, Barcode metadata, Document separation	
Standard Interfaces	Wireless 802.11b/g/n Ethernet USB 3.0	
Operating Systems Compatibility	Windows 7 SP1, Windows 10, Windows Server 2019, MacOS v10.14.x, v10.15.x, v11, v11.1.x	
Scan Drivers Included	TWAIN, WIA, ISIS, SANE	
Scan Driver OS Compatibility	Windows, Mac, Linux	
Supported File Formats	Searchable PDF, Secure PDF, Signed PDF, PDF/A, High Compression	
Cloud Services	Google Drive	
Security Features	Active Directory, LDAP, Secure Function Lock, Setting Lock, IP Filter,	
Auto Document Feeder Capacity (maximum)	80 pages	
Media Types	Plain, Receipts and Photos (carrier sheet recommended), Business Cards, Plastic/Laminated Cards (including embossed), Index Card	

Media Weight (min/max)	11 - 53 lbs.	
Media Thicknesses	0.08mm - 0.28mm (0.003" - 0.01")	
Plastic Card Thickness	Embossed: Up to 1.32mm (0.05") Without Embossing: Up to 1.10mm (0.04")	
Document Size (min/max)	2.0"-8.5" (W), 2.0"-197" (L)	
Plastic Card Size	2.13" (W), 3.37" (L)	
Display 4.3"	Color Touchscreen	
Software	Relevant supported software for the scanner	

Specification: ChromeOS compatible Bluetooth Mouse for Satellite Hub Teachers and Students

NOTE: Ministry of Education reserves the right to reject any item that it does not see fit.

Vendor must specify "Yes" or "No" on feature matches, other than Brand and Model

Brand	(Vendor to specify)	
Model	(Vendor to specify)	
ChromeOS Compatibility	(Vendor to provide proof)	
Color	Black	
Connectivity	Bluetooth (without receiver dongle)	
Nano Receiver	Must present. Storage space/compartament within the device must be available.	
Dimensions	107 (H) x 59 (W) x 26.5 (D) mm	
Weight (with batteries)	100 g / 3.53 oz	
Nano receiver	14.4 (H) x 18.7 (W) x 6.1 (D) mm, 1.8 g	
Sensor Technology	High-precision Optical tracking	
Sensor resolution	1,000 DPI	
Number of Buttons	3	
Scroll Wheel	Yes. Mechanical	
Scroll Buttons	Middle Button	
Unifying ready mouse	Yes	
Unifying ready receiver	No	
Battery	18 months	

Battery type	1 AA pre-installed battery	
Wireless operating distance	10 m	

Specification: 22 inch Monitors for Hub Teachers with compatible display cable

		Vendor must specify "Yes" or "No" on feature matches, other than Brand and Model
Brand	(Vendor to specify)	
Model	(Vendor to specify)	
Monitor Front Bezel Color	Black	
Diagonal Size	22 inches (21.5 inches)	
Screen Type	Flat Screen	
Resolution	1920 x 1080	
Aspect Ratio	16:9	
Stand Adjustability	Tilt	
Brightness	250 cd/m ²	
Contrast Ratio	1000:1	
Display Screen Coating	Anti-Glare	
Connection Port(s)	1 x HDMI OR 1 x VGA	
Connection Cable	If HDMI port, then HDMI Cable. If VGA port, then HDMI to VGA converter with VGA cable.	
Power Cord	UK Plug	