



## BYOx Device Capability

This document provides guidance for aligning the capabilities of BYOx devices to curriculum.



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# Device capability

## General Capabilities

- Presentations
- Simple video editing
- Video recording
- Simple photo editing
- Photography
- Simple text editing
- Internet
- Email

High end laptop	Low end laptop	Tablets 9/10"	Tablets 7/8"
Yes	Yes	Yes	No

## Arts

- High level video editing
- High level audio editing
- High level photo editing
- High level drawing / painting
- Complex written documents

High end laptop	Low end laptop	Tablets 9/10"	Tablets 7/8"
Yes	Yes	Yes	No

## Business and Economics

- Accounting
- Database
- Spreadsheet
- Complex written documents
- Calculating

High end laptop	Low end laptop	Tablets 9/10"	Tablets 7/8"
Yes	Yes	No *	No *

## Career Development

- Complex written documents

High end laptop	Low end laptop	Tablets 9/10"	Tablets 7/8"
Yes	Yes	Yes	No

## English

- Complex written documents

High end laptop	Low end laptop	Tablets 9/10"	Tablets 7/8"
Yes	Yes	Yes	No

## Health and Physical Education

- Spreadsheet
- Complex written documents

High end laptop	Low end laptop	Tablets 9/10"	Tablets 7/8"
Yes	Yes	Yes	No

## Humanities and Social Sciences

- Complex written documents

High end laptop	Low end laptop	Tablets 9/10"	Tablets 7/8"
Yes	Yes	Yes	No

**ICT and Design**

CAD

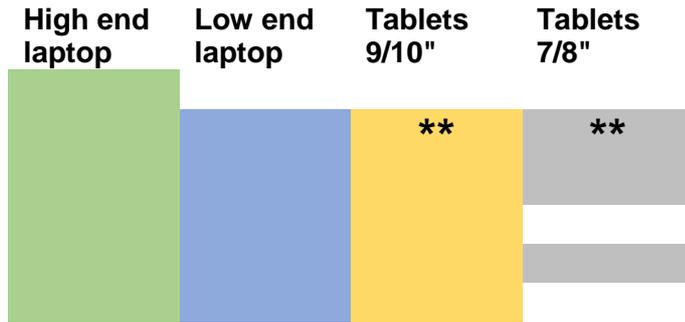
Coding / Programing

High level photo editing

High level drawing / painting

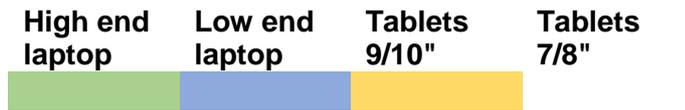
Website Building

Complex written documents



**Languages**

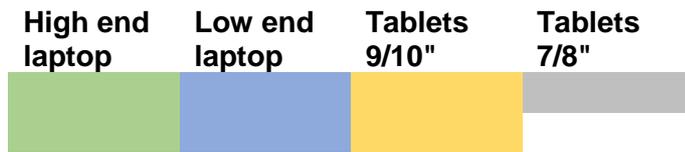
Complex written documents



**Mathematics**

Graphic Calculation

Spreadsheet

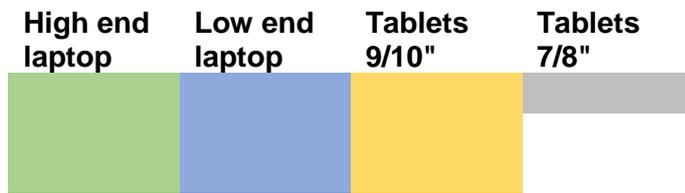


**Sciences**

Graphic Calculation

Spreadsheet

Complex written documents



**Minimum device specifications**

	High end laptop	Low end laptop	Tablets 9/10"	Tablets 7/8"
RAM	4+Gb	< 2Gb	1 Gb	1Gb
Storage	320+Gb	< 250 Gb	16+ Gb	16+Gb
CPU	> Intel Core i5	< Intel Core i5		
Wireless	WiFi (b/g/n) 2.4GHz & 5.0GHz	WiFi (b/g/n) 2.4GHz & 5.0GHz	WiFi (b/g/n) 2.4GHz & 5.0GHz	WiFi (b/g/n) 2.4GHz & 5.0GHz
OS	Windows 8.1	Windows 7	iOS 8+	iOS 8+
	Mac OS X	Android	Android	Android

\* Needs cloud access

\*\* Device OS specific

## Capability details

<b>CAD</b>	Involves being able to create complex computer aided design drawings and rendered illustrations using a CAD program	<b>Accounting</b>	Involves using a dedicated finance accounting package to manage a business' finances and auditing requirements
<b>High level video editing</b>	Involves editing captions, complex scene transitions, edit sound track, and edit video lightness and contrast etc	<b>Presentations</b>	Involves creating a presentation including multimedia for display on large screen or by projector
<b>High level audio editing</b>	Involves editing wave forms, removing sound artifacts, fade and levels.	<b>Database</b>	Involves creating and maintaining a relational database using a DBM program
<b>High level photo editing</b>	Involves editing selections and elements within photographs, working with layers and levels and editing RAW files	<b>Spreadsheets</b>	Involves creating complex, multi-page spreadsheets featuring calculations and formulae and formatted cells
<b>High level drawing / painting</b>	Involves on screen drawing of complex shapes, features multiple pen and brush types to create complex pictures	<b>Complex written documents</b>	Involves documents created by word processor including complex formatting, graphics, tables and images in multi-chapter documents
<b>Coding and programming</b>	Involves using a programming language to create computer programs or device applications	<b>Simple video editing</b>	Involves editing video to cut and join sections, add titles and simple scene transitions.
<b>Simple text editing</b>	Involves creating a text document without any, or with only basic formatting	<b>Video recording</b>	Involves being able to record video from in-built camera
<b>Internet</b>	Involves being able to access, search and download from the internet using a browser	<b>Simple photo editing</b>	Involves being able to make some simple changes such as lighten and darken and apply simple filters to whole photographs
<b>Email</b>	Involves being able to send and receive emails, either from a local email client or through a web based account	<b>Photography</b>	Involves being able to take photographs using the built-in camera