



Dear Parents, Guardians and Students,

**Letter Summary: Students require calculators for their Mathematics lessons.**

To aid your child's learning it is important that they come to school prepared. I would like to take this opportunity to emphasise that a student's readiness to learn includes having the necessary equipment. At ISL Qatar this includes a calculator. I would like to urge all parents and guardians to buy a calculator for their child and ensure that they bring it to school every day. This will allow your child to fully participate in lessons and to understand how technology can be used to aid problem solving. The loaning of basic calculators to students during lessons can cause disruption and means that those who borrow calculators do not have access to them at home or do not ever learn how to use their own, as not all calculators use the same operating systems. This can increase stress levels and lower attainment during revision and assessments.

Below is a guide as to what calculator your child must have:

**Grades 6-10 are required to have a scientific calculator (one with Sin, Cos and Tan on it). These can be purchased from most supermarkets/stationaries.**

**Grades 9-10 (who do not already have a scientific calculator) are encouraged to invest in a Texas Nspire graphical calculator. Diploma courses include the use of technology so it is in your child's educational interest to learn how to use an Nspire calculator as soon as possible.\***

**Grades 11-12 are required to have a graphical calculator and the school teaches using the Texas Nspire. A student without an Nspire would put themselves at a severe disadvantage as exam questions are written with the assumption that the student has a graphical calculator.\***

\*Other graphical calculators are acceptable, however the majority of our students use Texas Nspires so our teaching is aimed towards this make. Please see overleaf for the IB Documentation on allowed calculators. Please note Texas Nspires CAS are not permitted.

At the time of writing this and just for your information, I have seen Casio calculators available in Monoprix in Festival City and know of a local distributor for Nspire calculators; Mr George Mathew from Technology Solutions (C Ring Road) who you can contact at [george@techsol.qa](mailto:george@techsol.qa) +974 55816229.

Feel free to contact me at [afurniss@islqatar.org](mailto:afurniss@islqatar.org) if you have any questions.

Yours Faithfully,

Mrs Angela Furniss  
Leader of Learning for Mathematics  
ISL Qatar





## Recommended calculators

The following models meet the minimum requirements for mathematics subjects and have updated and time-saving functionalities not found on other models.

<b>Texas Instruments</b>	TI 84 Plus – all models	TI 83 Plus
	TI Nspire (non-CAS), with 84 faceplate	TI 83 Plus silver edition
	TI-Nspire (non-CAS models) <ul style="list-style-type: none"> <li>TI-Nspire CX II / CX II-T (OS version 5.0 or higher)</li> <li>TI-Nspire CX (OS version 4.5.1)</li> <li>TI-Nspire (OS version 3.9)</li> </ul>	All TI-Nspire models must be updated to the latest Operating System (OS) as indicated.
	TI-Nspire ( <b>selected</b> CAS models) with CAS mode disabled <ul style="list-style-type: none"> <li>TI-Nspire CX II CAS (OS version 5.0 or higher)</li> <li>TI-Nspire CX II-T CAS (OS version 5.0 or higher)</li> <li>TI-Nspire CX II-C CAS (OS version 5.0 or higher)</li> </ul>	All TI-Nspire models must be placed in "Press-to-Test" mode with the correct features blocked (see list below).
<b>Hewlett Packard</b>	HP Prime updated to the latest firmware in "Exam Mode", with the correct features blocked (see list below)	
<b>Casio</b>	FX 9750G Plus or GII	FX 1.0 Plus
	CFX 9850 Plus	Graph 35 Plus / 35+E / 35+E II
	CFX 9950 Plus	Graph 65 Plus
	FX 9860G /FX 9860G SD /FX 9860G AU	Graph 85 series
	FX 9860GII / FX 9860GII SD / FX 9860G AU PLUS updated to the latest operating system for IB examinations in "Examination Mode"	
	Graph 75 / Graph 95 updated to the latest operating system for IB examinations in "Examination Mode"	Graph 90+E, in "Examination Mode"
	FX CG10/20 updated to the latest operating system for IB examinations in "Examination Mode"	FX CG50, in "Examination Mode"



## Prohibited calculators

The following models are not allowed in examinations under any circumstances.

<b>Texas Instruments</b>	TI Voyage 200 (all versions)	TI 89 (all versions)
	TI 92 (all versions)	Older CAS models: • TI-Nspire CX CAS • TI-Nspire CAS
	TI-Nspire models that are <b>not</b> updated to the latest operating system	
<b>Hewlett Packard</b>	HP 38-95 (all versions)	
<b>Casio</b>	Classpad (all versions) / FX CG500	Graph 100
	FX 2.0 (all versions)	FX 9970 (all versions)
	FX 9860GII / FX 9860GII SD / FX 9860G AU PLUS <b>not</b> updated to the latest operating system	
	Graph 75 / Graph 95 <b>not</b> updated to the latest operating system	
	CG series - FXCG10/20 <b>not</b> updated to the latest operating system	

### Notes:

- Any devices with unrestricted/candidate accessible WiFi functionality are not permitted.
- Other calculators which have features that do not appear on any of the recommended models **and/or** have functionality that is exclusive to the prohibited calculators (and not blocked during the examination) are not allowed.
- Candidates may not use or store data/notes, programs or flash (ROM) applications (Apps) in their calculators that may assist them in an examination by removing the need to recall facts or formulae.