



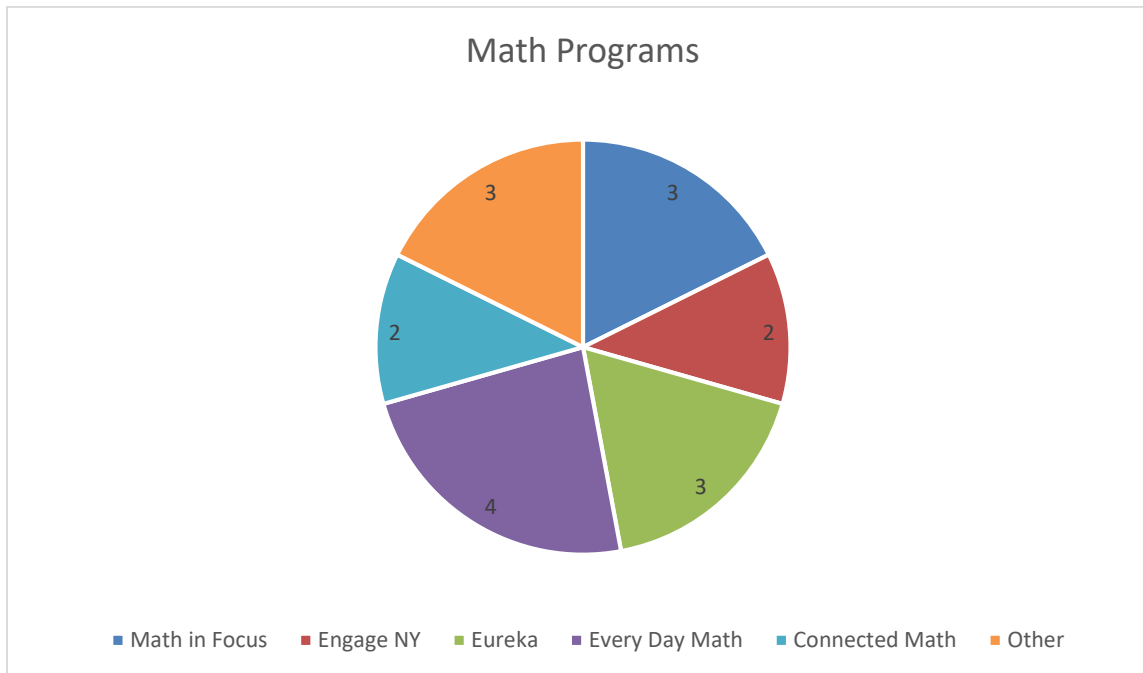
Principals' Training Center

PTCnet Survey Summary

TOPIC:	Math Curricula in International School
QUERY:	Thank you to those who responding to this survey about math programs in International Schools. The results are most interesting.
QUERY SUBMITTED AND COLLATED BY:	Barbara Rodgers
TOTAL NUMBER OF RESPONSES:	19
Date conducted	3-21-17

Responses:

See below.





Program
Math in Focus grades 1 to 6, based on Singapore Math. Early Childhood uses TERC, Investigations.
The Math in Focus program has a lot of research behind it through its connection to Singapore Math, which it's based on. " Math in Focus " is the title of the program for users/schools in the US and elsewhere outside of Singapore (produced by Houghton Mifflin). (Attached is a summary document explaining the Foundation of MiF.)
One of the key tenets of the MiF philosophy is that the program is simply a path to improve mathematical thinking and thinking in general for students. We want them to be better at thinking and to train their brains...and math and math concepts taught in particular format can help with this. This tenet is stressed by Dr. Yeap, the lead consultant for MiF and master teacher trainer in Singapore for the Ministry of Ed.
We feel that the Singapore math method absolutely promotes critical and creative thinking. It has dovetailed well with the inquiry approach of the IB programmes. Link: Marshall Cavendish/Math In Focus materials .
Go Math -but we don't love it
Introducing the Ontario Math curriculum to ensure that we have a scope and sequence to scaffold math learning.
Mostly Engage NY
We use rich tasks collated from online sources , including many from Engage NY .
Eureka math - though we modify it to suit the various needs of our students, especially in the lower school.
We are encouraging our staff to access a variety of resources as required and not providing and "anchor resource". They have recently added the Teacher Kit of Math In Focus . The kit is full of a variety of resources but we ae adding resource each year to avoid one program dominating.
Every Day Math as a resource, but we have also ordered some resources from Singapore Maths for students who need to be challenged more.
Connected Math , CMP3 for MS and in 8 th grade we shift our higher achievers to Integrated Math 1 .



We recently did a full math review and are still on our journey.

We are PYP. Use Common Core Math, adopted **Eureka** as a resource. Are now moving away from using it with fidelity to putting our units on a PYP Planner and making units/lessons more inquiry based (provocations, rich problems, deep rich tasks). We have done a lot of **work with Erma Anderson** and use her resources a lot.

In the elementary we use **Everyday Mathematics** and have had good success with it. We're an all-boys' school (K-12).

In the PYP and MYP our math curriculum standards are adopted from the **Australian Curriculum (ACARA)**. In the PYP we do not have a guiding textbook. Beginning in grade 6 through grade 12 we use the **textbook Mathematics for the International Student by Haese Publishers**.

K-8 – Changed from Everyday Mathematics in the PS/ES and Pearson in the MS, to **Eureka (great minds)**, which includes conceptual based learning, inquiry, real world application and all that good stuff), it is also built off of the CCSS.

9-10 – Changed from MYP to the **Math Vision Project (MVP) – supported by Erma Anderson**, our Math consultant here in the UAE. Also includes conceptual based learning, inquiry and real world application.

We also raised the benchmark and shifted from the CCSS integrated pathway to the CCSS accelerated integrated pathway, meaning that Math 1 is now taught in Gr. 7 & 8, Math 2 in 9 and Math 3 in 10.

Everyday Math out of University of Chicago. They just released a new edition (2016) and it has a great digital component. My former schools in Abu Dhabi and Rabat used the same program. We **supplement with a bit of Singapore Math as well as Khan, iXL**

EveryDay Math- <http://www.mheducation.com/prek-12/explore/everyday-math.html>

Virtual Learning Community

<http://everydaymath.uchicago.edu/>

Connected Math from Pearson G6-8. We love it, but you have to do a lot of training to implement it well.

Eureka Math program (also known as **Engage NY**)



Everyday Math for grades K – 2

Grades 3 - 5 Bridges Math Program from the Learning Math Center, along with **Contexts for Learning Mathematics Investigations**.

In the PYP section we use a range of resources - **First Steps from W. Australia, Investigations from USA and Contexts for Learning mathematics from USA**. Martin Dolk from the latter lives and works in Utrecht. He has come to work with a cohort of staff members during the last 2 years.

A combination of these three approaches allows for inquiry projects (Contexts) as well as more teacher directed resources to support student learning.