



## MoEY-JTC, OAS-ITEN, and ProFuturo Courses for primary school teachers in Jamaica

The Ministry of Education and Youth, through the Jamaica Teaching Council (JTC), in collaboration with the Organisation of American States (OAS), through the Inter-American Teacher Education Network (ITEN), and renowned digital education programme, ProFuturo, are offering professional development courses targeting registered primary school teachers in Jamaica.

The courses are listed below:

	Innovative Route	Mathematics for Everyone
Aim:	<p>To introduce participants to the advantages of digital education starting from the basic level of understanding of the use of technology in innovative teaching practices to the professional understanding of the diverse options that virtual tools offer to support the teaching and learning process.</p> <p>The goal of this training route (four course levels) is to equip participants with the skills necessary to teach effectively in the 21st century.</p>	<p>The Mathematics for Everyone is popularly known as Junior Undiscovered Mathematics Prodigies (JUMP) math programme using a teaching philosophy and methodology that assumes all kids can learn math. JUMP Math is a numeracy program dedicated to enhancing kids' potential by encouraging an understanding and a love of math in students and educators.</p> <p>Through JUMP, tutors and teachers learn how to break down complex mathematics into basic operations like counting or crossing out a symbol.</p> <p>Upon completion of the courses, participants will have learned:</p> <ul style="list-style-type: none"> <li>• Teaching and learning Mathematics using real situations - students develop critical thinking and help understand the world around them.</li> <li>• Discover the psychological and cognitive barriers to learning Math.</li> <li>• Change teachers' attitude by stimulating more interest in the teaching of Math</li> <li>• Bolstering the teaching of Mathematics as a vocation.</li> <li>• Discover the 10 keys to Math teaching.</li> </ul>
Units	<p><b>INNOVATION BASIC:</b></p> <ol style="list-style-type: none"> <li>1. Systems of innovation in the school. Culture of innovation.</li> <li>2. Mobile learning: a new educational paradigm.</li> </ol>	<ol style="list-style-type: none"> <li>1. Introduction to the course and its relevance to Math in the world and student's future, research in math teaching, teacher in the</li> </ol>



	<p>Possibilities and challenges in education.</p> <p><b>INNOVATION MEDIUM:</b></p> <p>3. Innovative educational experiences and application in the classroom.</p> <p>4. Educational experiences in Mobile Learning. Application in the classroom.</p> <p><b>ADVANCED:</b></p> <p>5. Transforming the classroom through innovation. Innovative strategies</p> <p>6. Creating applications (apps) for learning. Gaming.</p> <p><b>PROFESSIONAL:</b></p> <p>7. Pedagogical Innovation.</p>	<p>student learning process and classroom dynamics.</p> <p>2. Decimal numbering system and basic arithmetic operations.</p> <p>3. Fractions: adding, subtracting, multiplying, and dividing.</p> <p>4. Ratios and numerical proportionality.</p> <p>5. Geometric elements and flat shapes: equal sides, parallel sides, symmetry, angles and polygons.</p> <p>6. Measurements and the decimal metric system.</p> <p>7. The basic concepts of Algebra- numeric expressions, unknown numbers, equations.</p> <p>8. Problem-solving strategies- understanding problems, using a number line, using tap diagrams and patterns.</p> <p>9. Lesson preparation and resources for Math classes - planning and teaching a math class, accommodating diversity and continuous evaluation.</p> <p>10. Mathematics at the service of the community - <b>all students can learn Math.</b></p>
Duration	30hrs	20hrs
Course Delivery	Mandatory online synchronous (only Innovation Basic Level- approximately 5 hours), and asynchronous modalities.	Mandatory online synchronous and asynchronous modalities.
Pre-requisite	• JTC Teacher Registration Number	• JTC Teacher Registration Number • Successful completion of the <b>Innovative Route</b> (All 4 levels).
Course Schedule	<b>September – October 2023.</b>	Dates to be determined, based on the number of teachers successfully completing the Innovation Route.

All registered primary school teachers are invited to enrol in the course, **Innovation Route** initially and successful participants will be invited to join the **Mathematics for Everyone** course once there are enough participants to open a group. Even though the suggested duration of the courses are 30 hours and 20 hours respectively a candidate can successfully complete courses according to their pace, even though Innovation Basic Level must be completed in 4 weeks and Jump Math in 5 weeks. These courses are designed to empower the teacher to implement the STEAM based National Standard School Curriculum effectively. This initiative will be executed at no cost to participating teachers and successful candidates will receive a joint MoEY/JTC/OAS - ProFuturo certificate for each training route completed.

**Virtual Tutor's Support:**

Participants will be assigned a virtual tutor who will guide them and support them technically and pedagogically through the process.

**Registration:**

Registration is required using the following link: <https://bit.ly/TeachJamaica2023>

**Registration deadline:** Monday, July 31, 2023.

**Teachers will be assigned to different cohorts. A few weeks before the course starts, teachers will be notified in which cohort they were assigned and its corresponding starting date.**

**Teacher Registration Number** is a requirement to enrol in this professional development exercise. Please find the contact information of the registration officers assigned to each region. Kindly contact the respective officer if you need assistance getting your Teacher Registration Number before enrolling in these courses.

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Should you have any questions, please feel free to reach out to Dr Joseph Thomas via email at [joseph.thomas@moey.gov.jm](mailto:joseph.thomas@moey.gov.jm).