

Tobago SMART Classroom Enhancement Programme

Training Agenda for Form 4 Math Teachers

Objectives

- *Understand the functionalities of SMART Board and SMART Notebook Plus.*
- *Learn how to create and enhance an interactive math lesson.*
- *Incorporate formative assessment elements.*
- *Utilize SMART Lumio for further enhancement of lesson*

Morning Session (9:00 am – 11:30 am)

1. SMART Notebook Plus Basics (60 mins)

- Overview of SMART Notebook Plus
- Key features and tools.
- Basic navigation and functionalities.
- Adding text, images, and using the pen tool.
- Creating an interactive activity (e.g., matching pairs, sorting).
- Creating an ad-hoc lesson
- Using the SMART Document Camera to upload content into Notebook

2. Creating an Interactive Math Lesson on Directed Numbers (30 minutes)

- Exploring the structure, the elements of and the tools used in creating an interactive Math lesson on Directed Numbers

3. Getting Started with Lumio (60 mins)

- Signing into Lumio Academy (Teachers who have not yet signed into Lumio Academy)
- Exploring the various elements of Lumio and modelling how to create a lesson
- Uploading the Directed Numbers Notebook Lesson to Lumio
- Editing and Enhancing the Lesson using Lumio
- Use Lumio tools such as gamification, rank order, and other interactive elements.
- Activity: Add a rank order activity to the directed numbers lesson.

Lunch 11:30-12:30pm

Afternoon Session (12:30 pm – 3:00 pm)

4. Creating a Lumio Lesson (60 mins)

Teacher Activity

- Teachers from each school will work in groups to create their own interactive and collaborative math lesson using Lumio. The lessons should be based on different topics taken from the Term 1, 2024 Lesson Plan. The idea is to have a minimum of 18 Lumio Lessons (2 per school) created at the end of the session. These lessons will be made available in the shared folder for all teachers to access during the term.

- Prior to the training workshop, teachers will be assigned the topics that their school will work on to create their lessons. Teachers will ensure that they have any lesson material beforehand. (PDF, Word, Power Point etc Incorporate at least one gamification element and a formative assessment.

5. Presentation and Constructive Feedback (45 minutes)

- One teacher from each school will present their created Lumio lesson.
- Teachers will provide and encourage constructive peer feedback and suggestions for improvement.

6. Q&A and Best Practices (15 minutes)

7. Planning and Teacher input for Virtual Connect Sessions starting in September 2024

(30 mins)

- Get teachers phone contacts for WhatsApp group
- Gain input from teachers regarding suitable days and times for virtual sessions
- Obtain suggestions from teachers regarding any subject topics or training that will benefit them, e.g. Utilising in AI lesson creation and planning, etc

Resources Provided

- Getting Started with Lumio Facilitator Training slide deck with facilitator notes
- Sample Lesson: A ready-to-use interactive Notebook math lesson on directed numbers.
- Teacher Lesson material for Term 1 topics (provided by teachers)

Follow-Up

- Support: It is proposed that virtual connect sessions be conducted every 2 weeks. This is to be confirmed with teachers and the Math Curriculum Officer during our afternoon session of the August workshop. During these virtual connect sessions we will explore further lesson creation tools and techniques in Notebook and Lumio as well. Teacher will also share their best practices and other Lumio and/or Notebook lessons they created.

Ongoing Professional Development

Teachers will participate in ongoing PD workshops as part of the SMART Ambassador Programme.

Teachers who have not completed their Getting Started Lumio Certification should do so before the August PD workshop and The Lumio Level 1 Educator Certification by August 30th.
