MT4T
Mobile Technology for Teachers

MT4T is a teacher resource kit that promotes the use of mobile technology in Southeast Asian educational settings. The kit provides a basic guide in using mobile devices, such as smart phones and tablets and their accompanying applications, as tools for teaching and learning in the classroom for teachers' personal and professional development. It introduces the three most widely used mobile technology platforms—iOS, Android, and Windows—and how they may be used in conjunction with social media, such as Facebook and Twitter, to enhance student learning and professional collaboration among teachers. MT4T is specially focused on how mobile devices can be used to promote the development of higher order thinking skills (HOTS) of students and teachers.

MT4T components

The MT4T Website
www.seameo-innotech.org/MT4T

The MT4T Website is an online learning platform for teachers where they can download various teaching-learning materials for developing higher order thinking skills (HOTS) among learners and teachers. The portal also serves as an online discussion community for teachers who have used the MT4T Resource Kit.

MT4T e-Books

The MT4T Resource Kit provides Southeast Asian teachers with a suite of e-books to develop their skills, knowledge, and values in using mobile technology for interactive teaching and learning, and for their professional and personal growth. The e-books also contain links to some task-based videos to make learning more fun and interactive.

e-Book reader

The SEAMEO INNOTECH Reader allows consistency in style, format, and readability of digital resources even if the teachers and the learners are using different mobile devices and operating systems.

key concepts and themes

The MT4T Resource Kit allows teachers to continuously explore opportunities for using mobile technologies to promote active learning and higher order thinking skills (HOTS) as part of the teaching-learning process and their own personal and professional development through the following:

INITIATION
Posting of an idea or learning objects online via different social media networking platforms can stimulate thinking since this requires analysis, reflection, inquiry and commentary.

CONVERSATION
Once an idea is initiated, the next step is to engage in discussion, generate and share ideas, commentary, feedback and further inquiry.

INQUIRY
By providing real-world authentic inquiry-oriented activities and integrating mobile technology tools, learners will find it more meaningful, allowing them to use real-world application in finding, evaluating, and synthesizing information from a variety of sources.

COLLABORATION
Conversations anchored on focused points of inquiry and deliberation can be channelled to become the essential ingredients of critical and creative cooperative problem solving and innovation.

CRITICAL ANALYSIS
Teachers and learners are encouraged to deconstruct and differentiate ideas, relate concepts, draw comparison, evaluate assumptions, identify contextual variables, determine relationships, and propose solutions to real-life problems, throughout the process of collaborative dialogue mediated by social media.

SYNTHESIS
Educators are challenged to synthesize and draw out the key learning points from the large amount of information from different posts and comments in social media networks.

CREATION
Out of critical analysis and synthesis, new ideas may evolve, and new lines of inquiry and discovery may be stimulated.

classification of users

The materials in the kit are designed for four levels of users.

BASIC
those who have little or no knowledge in using mobile technologies for their personal and professional growth, and use them only to make calls and send text messages

INTERMEDIATE
those who have been using their mobile devices for searching and browsing the Internet, checking their e-mails, and using social media networking for personal growth
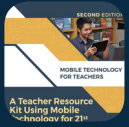
ADVANCED
those who have been using their mobile devices to do administration tasks such as Word processing, Spreadsheet, and presentations to teach and to connect and collaborate with other professionals

EXPERT
those who create content through their mobile devices such as electronic teaching and learning materials, and use their devices as instructional tools
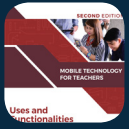
What are the MT4T e-Books

MT4T: A Teacher Resource Kit Using Mobile Technology for 21st Century Learning in Southeast Asia
Learn more about the MT4T Project, the technical conceptual framework of the teacher resource kit, and the key MT4T concepts and themes related to using mobile technology to promote the development of higher order thinking skills.

An Introduction to Teachers' Personal and Professional Learning Networks for 21st Century Learning
This e-book highlights the importance of PPLN and the benefits gained from having one. It also talks about 21st century teaching and learning, with an overview of Edward de Bono's "Six Thinking Hats."

Uses and Functionalities of Mobile Devices for Teachers
Learn about the uses and functionalities of mobile devices, the different mobile operating systems, and many applications that may be downloaded and installed to a mobile device to support improvements in teaching practice, work productivity, and personal/professional development.

e-Citizenship: An e-Book for Teachers About Cyber Wellness and Digital Citizenship
Be updated on the ins-and-outs of information and communications technology (ICT) focusing on digital safety, security, and privacy in classrooms. It also includes tips and activities to be safe, healthy and responsible users of ICT.

Facebook for Teachers
Facebook can be used as a tool for collaborative teaching-learning, knowledge exchange and networking, for the development of higher order thinking skills among teachers, and at the same time, promote it among their students.

Blogging for Teachers
Blogs are one of the best ways for teachers to network with professionals in their field, seek and share knowledge and resources, and be actively engaged as a member of a learning community.
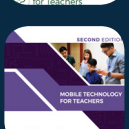
Twitter for Teachers
Twitter is a valuable tool for teachers' professional development and for engaging students inside and outside the classroom.

Edmodo for Teachers
Edmodo is a web-based social media platform that provides a safe and easy way for teachers and students to connect and collaborate, share content, and access homework, grades, and school notices.

LinkedIn for Teachers
LinkedIn is a professional networking site that provides opportunities for professionals like teachers to grow their career and connect with other professionals.

Annotated Resources for Teachers
This is a compilation of hundreds of curated online resources with web links related to twenty-first century teaching resources and tools, and the development of higher order thinking skills.

What to expect in MT4T

With MT4T, teachers will learn more about and be able to use the following for their personal and professional growth:

reflective thinking	sharing of best practices
digital libraries	social media
interactive materials	audio-visual materials
virtual educational tours	education-related mobile apps

The Southeast Asian Ministers of Education Organization Regional Center for Educational Innovation and Technology (SEAMEO INNOTECH) envisions a better future for every learner in Southeast Asia.

It provides innovative and technology-oriented learning services and research-based solutions to enable the education community in Southeast Asia to effectively respond to current and emerging needs and concerns.

The MT4T web portal can be accessed at
www.seameo-innotech.org/MT4T

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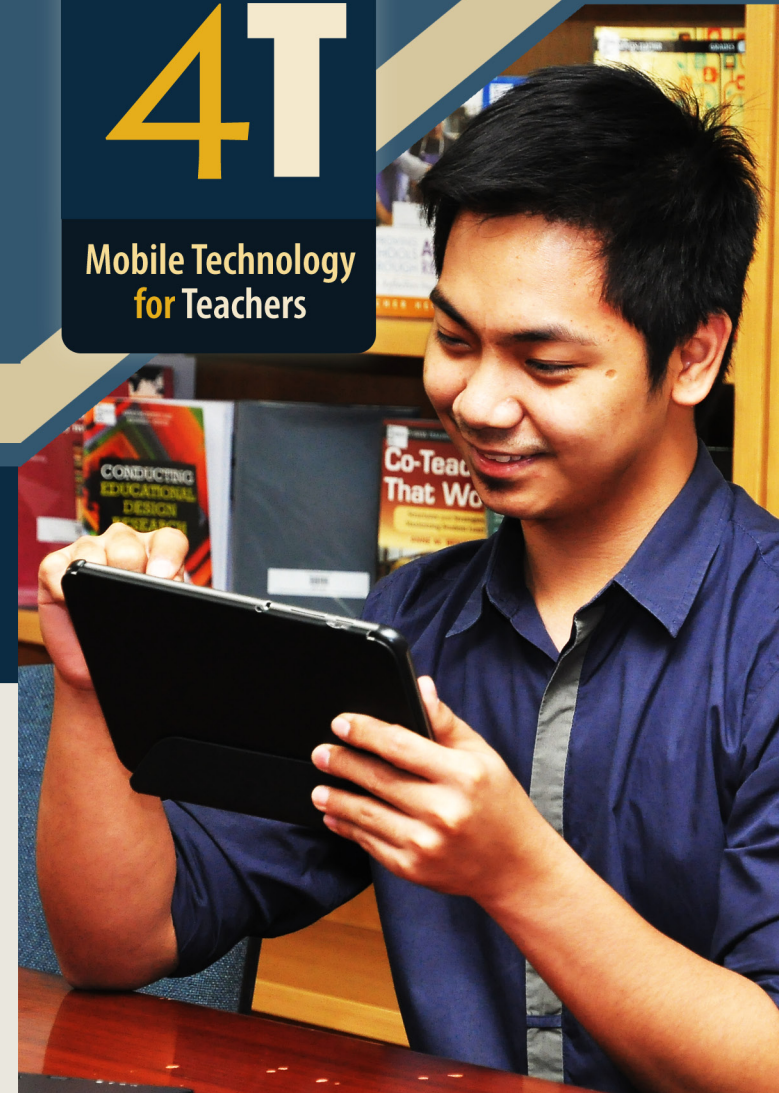**EMAIL** info@seameo-innotech.org

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