

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 and for teachers' personal and professional development. It also includes an introduction to 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 promote student learning and professional collaboration among teachers. The kit also contains a special focus on how mobile devices can be used to promote the development of higher order thinking skills (HOTS) in both students and teachers.

MT4T components

The MT4T Portal

www.seameo-innotech.org/MT4T

The MT4T Portal is an online resource where teachers can download various teaching-learning materials for developing higher order thinking skills (HOTS) for themselves and for their learners. The portal will also serve as an online discussion community for teachers who have used the MT4T resource kit.

MT4T eBooks

The kit includes a main e-book and six sub-eBooks providing Southeast Asian teachers a rich set of resources to develop their skills, knowledge and values in the use of mobile technology for teaching, learning, and professional and personal growth. The e-books also contain some task-based videos to make learning more interactive.

eBook reader

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

key concepts and themes

As teachers engage the content of the MT4T toolkit, they can 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 channeled 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 comparisons, 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 take the key learning points from the large amount of information coming 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 emails, and using social media networking for personal growth

ADVANCED

those who have been using their mobile devices to do administrative 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 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

What is inside the MT4T



MT4T Main eBook

The MT4T Main eBook introduces 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.



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 in teachers, and at the same time, promote it among their students.



Teachers' Use of Blogs (LinkedIn)

Blogs, like those found in LinkedIn, 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

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.



Use of Mobile Devices

Learn about the uses of mobile devices, the different mobile operating systems, and the many applications that may be downloaded and installed to support improvements in teaching practice, work productivity and personal and professional development.



Annotated Resources for Teachers

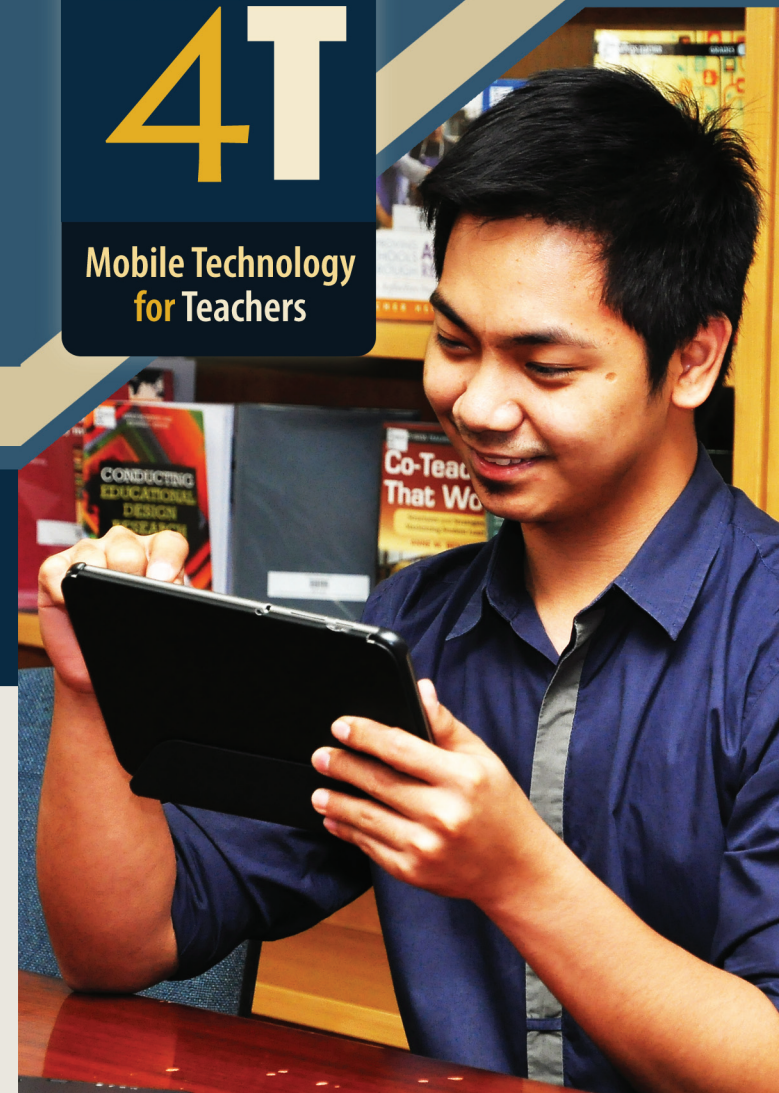
The eBook of annotated resources provides teachers with hundred of web links related to 21st century teaching resources and tools, and the development of higher order thinking skills.

The SOUTHEAST ASIAN MINISTERS OF EDUCATION ORGANIZATION Regional Center for Educational Innovation and Technology (SEAMEO INNOTECH) is engaged in providing effective educational solutions for Southeast Asia and beyond.

Its mission is to facilitate teaching and learning through innovative and technology-based research and training solutions in order to fully develop the potentials of the peoples in the region.

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A Teacher Resource Kit Using Mobile Technology
for 21st Century Learning in Southeast Asia