

Intel® Teach Programme

Intel Teach engages both teachers and learners in the development of 21st Century skills and ICT integration for teaching and learning. Curriculum is provided free.

www.school.za/teach

Course	Intel® Teach Essentials Course	Intel® Teach Essentials Online Course	Intel® Teach Thinking with Technology Course
Focus	This course provides teachers with a foundation of skills to fully integrate ICT into existing classroom curricula and promote learner-centred learning.		This course builds on effective ICT integration skills. Teachers use free online tools to sharpen learners' higher-order thinking skills.
Hours Times are minimum hours recommended, based on input from participants, to include in-class hours and homework or practice time	<p>Senior Trainers: (8 modules):</p> <ul style="list-style-type: none"> • 32 hours face-to-face • 20 hours "homework"¹ <p>Participant Teachers: (8 modules):</p> <ul style="list-style-type: none"> • 32 hours face-to-face • 20 hours "homework"¹ <p>¹This is the minimum amount of time the users will spend to successfully complete the course. You will find it rich with resources and opportunities for further reflection and exploration.</p>	<p>Senior Trainers: (8 modules):</p> <ul style="list-style-type: none"> • 14 hours face-to-face / 46 hours online, facilitated¹ • 14 hours face-to-face to refine facilitation skills <p>Participant Teachers: (8 modules):</p> <ul style="list-style-type: none"> • 12 hours face-to-face / 44 hours online, facilitated¹ <p>¹This is the minimum amount of time the users will spend to successfully complete the course. You will find it rich with resources and opportunities for further reflection and exploration.</p>	<p>Senior Trainers: (10 modules)</p> <ul style="list-style-type: none"> • 32-40 hours face-to-face • 20 hours "homework"¹ <p>Participant Teachers: (6 to 10 modules, 4 hours each: <i>STs select modules to offer PTs, based on their needs</i>)</p> <ul style="list-style-type: none"> • 24 to 40 hours face-to-face • 12 to 20 hours "homework"¹ <p>¹This is the minimum amount of time the users will spend to successfully complete the course. You will find it rich with resources and opportunities for further reflection and exploration.</p>
Course Schedule	May be consecutive for Senior Trainers Participant Teacher training is non-consecutive, and sample agendas are provided.	May be consecutive for Senior Trainers. Recommendation is a minimum 9-weeks (5 to 7 hours per week)	May be consecutive for Senior Trainers Participant Teacher training is non-consecutive, and sample agendas are provided.
Attendees	0-12 classroom teachers, all subjects, with intermediate ICT skills in computer applications and basic knowledge of project-based approaches <ul style="list-style-type: none"> • <i>Senior Trainers should also</i> be experienced in project and lesson plan design and have strong computer and ICT integration skills <p>Review the Decision Tree on page 3 for considerations to determine whether an attendee is well-suited to learning in the Essentials Online environment.</p>		0-12 classroom teachers, all subjects, with basic ICT skills and basic knowledge of project-based approaches <ul style="list-style-type: none"> • <i>Senior Trainers should also</i> be experienced in project and lesson plan design and have strong computer and ICT integration skills
Outcome	A fully-developed, assessment standards-based project plan with assessment embedded throughout, for a curricular project in the subject /learning area they teach. The result is learners engaged in assessment standards-aligned, ICT-integrated projects that promote the use of 21 st Century skills.		A project plan, ready for use in the classroom, that promotes higher-order thinking skills, is learner-centred, and includes an online thinking tools project ready for use in the classroom.
Choosing a Course	Review the Decision Tree on page 3 to determine whether the face-to-face or online-hybrid delivery option is more optimal. NOTE: Senior Trainers certified in Essentials Online may choose to deliver online or face-to-face to Participant Teachers		Thinking with Technology may be attended before or after attending an Essentials Course

Course Curriculum Comparison

Component	Essentials Course	Essentials Online Course	Thinking with Technology Course
Effective Technology Use	Web 2.0, productivity software, Assessing Projects application, and the Digital Help Guide.		Three free, web based thinking tools that foster higher-order thinking
Project-based learning	Design a classroom project integrating a variety of technology strategies for both learner and teacher productivity. Exposure to more pedagogy and activities on PBL.		Design a classroom project emphasizing thinking strategies using a thinking tool.
Assessing 21st Century Skills	Addressed and practiced throughout 8 modules		Introduction / refresher (1 module)
Meeting standards	Addressed and included in Project Plan development		Addressed and included in Project Plan development
Assessment	Assessment strategies are embedded throughout the curriculum. More exposure to assessment pedagogy.		Assessment is addressed as it pertains to the project using the thinking tool.
Differentiation	One complete module on differentiation and support for differentiation in the classroom		Prompt to include differentiation in the Project Plan. No activities.
Collaboration with facilitator and participants	Practice creating a project plan, some time in class for reflection, reviewing, and sharing.	Practice creating a project plan, more time for reflection, reviewing, and sharing using online features	Practice working with the tools and creating projects—some time spent on reflection, reviewing, sharing
Facilitation	Facilitation tips are included in the curriculum and modelled by the trainer.	Resource-rich online community for facilitators, to improve training. Facilitation tips are also included in the curriculum	Facilitation tips included in curriculum
One to One Computing	Tips are embedded throughout course for participants to reference		Thinking tools are well-suited for use in a 1:1 computing environment

Selecting the Intel® Teach Essentials Course or the Intel® Teach Essentials Online Course

Consider the following:

	Priority	Points
Your teachers each have access to a high performance computer with reliable Internet access and Microsoft Windows 2000* or later or Microsoft Windows XP* installed	Essential	2 for yes
Your teachers have uninterrupted study time to devote – weekly – to an online course.	Essential	2 for yes
They believe face-to-face communication is important, but not essential to quality learning.	Important	1 for yes
Your teachers are comfortable using e-mail, Web browsers, search engines, and word processing software. They can create attachments in e-mail and download files from the Internet. Technology does not frustrate them easily and they are able to troubleshoot minor technology problems.	Essential	2 for yes
You consider your teachers to be self-disciplined, self-motivated, and organized: capable of managing schedules well, meeting deadlines without procrastinating.	Essential	2 for yes
Your teachers can effectively communicate online: they are comfortable asking questions, collaborating, and asking for clarification when they don't understand someone's comments. They ask for help and provide opinions.	Important	1 for yes
If you agree with most of the statements above, Essentials Online may be a perfect fit for your teachers. If they have the ability to work independently, set their own schedules, and feel comfortable with technology, consider offering the Essentials Online Course.	Total: 8 to 10 points	
If you agree with some of the statements above, Essentials Online may be a good option for your teachers; however, you should carefully consider what obstacles they may face in the online learning environment. Even if they attend online, you may recommend they deliver the course to their Participant Teachers entirely face-to-face.	Total: 5 to 7 points	
If you agree with few of the statements above, the face-to-face Essentials Course may be the perfect fit for your teachers. They may be most successful attending the face-to-face Essentials Course first, and you may consider Essentials Online in the future. However, if they do not have good ICT skills consider recommending courses at lower levels first.	Total: 0 to 4 points	