The A.C.E Framework

Dr John Clayton

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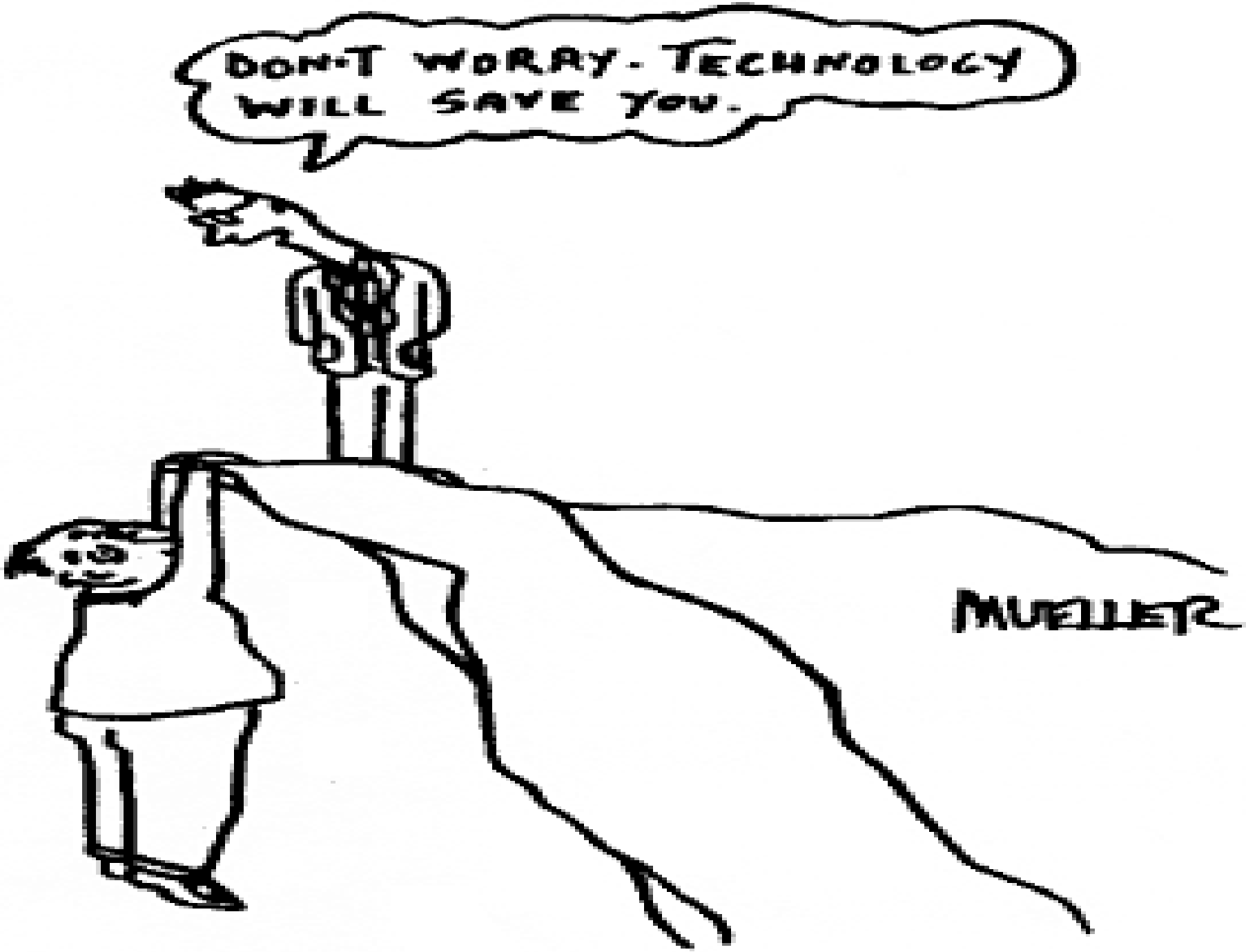
Waikato Institute of Technology
Te Kuratini o Waikato


DON'T WORRY - TECHNOLOGY WILL SAVE YOU.
MUELLER

Capability

- *Effective*: impact on learning/training in the manner they were designed to do,

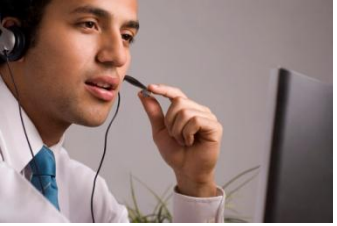
- *Efficient*: are cost effective in terms of "return of investment" on the resources consumed (i.e. time spent individuals engaging with the activity and time spent developing the activity)

- *Replicable*: others (institutions/individuals can duplicate events and obtain the similar results

Accomplishment
Action
Awareness

The 3 As

- **Awareness:** Leadership reflects upon existing capacity, capability and use of ICT.
- **Action:** Policies and plans are generated to increase access, capacity and capability at a systemic level.
- **Accomplishment:** The impact of implementations are evaluated for effectiveness.



Web-Enhanced

Online

Open & Networked

Web-Supported

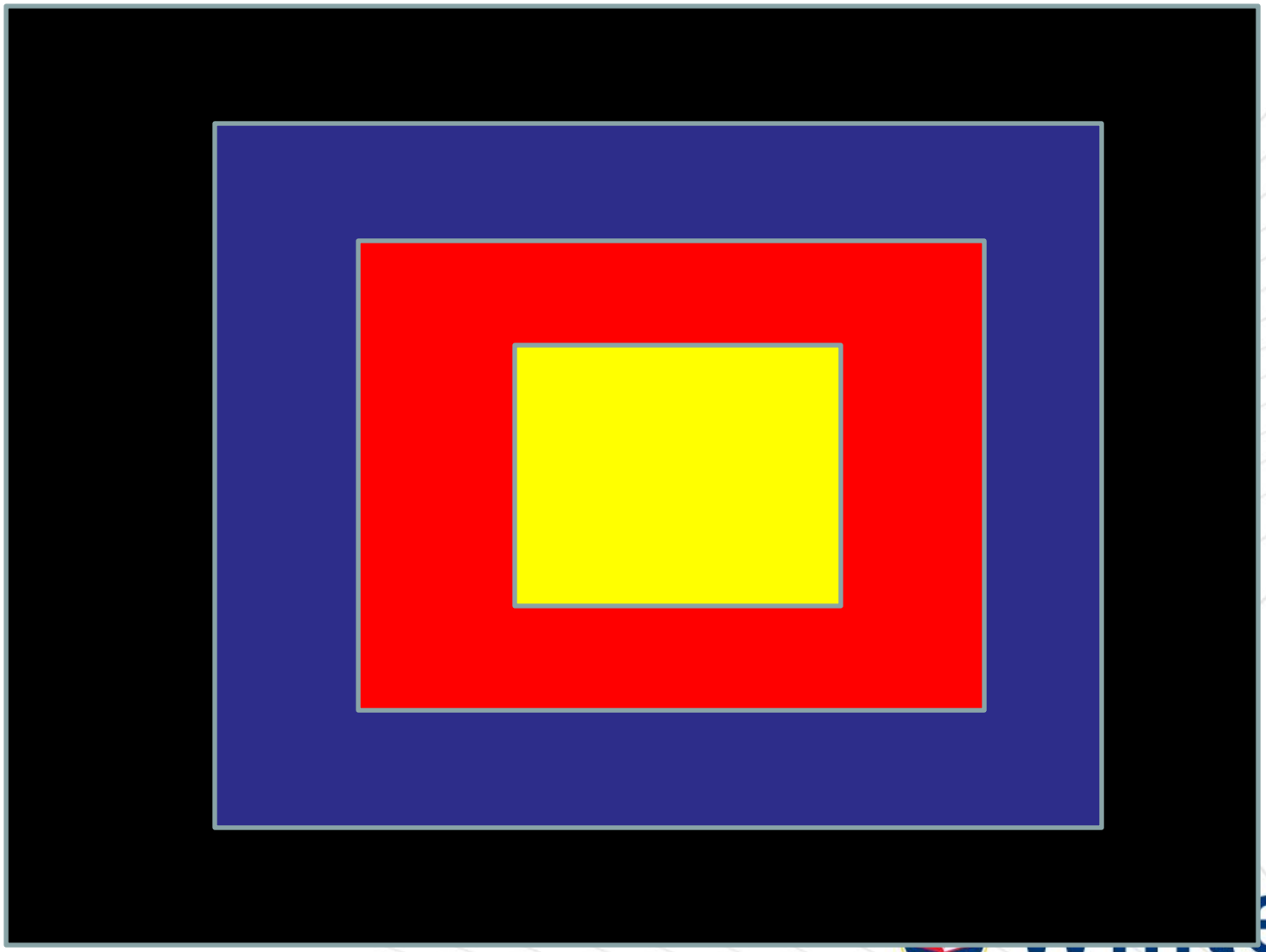
Flexible

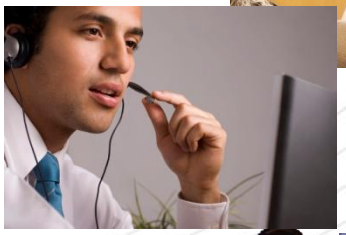
Web-Enabled

Computer Assisted

Ki te whakakaha i te iwi mā te ara mātauranga, te rangahau umanga whanakenga hoki

How many colours





Context

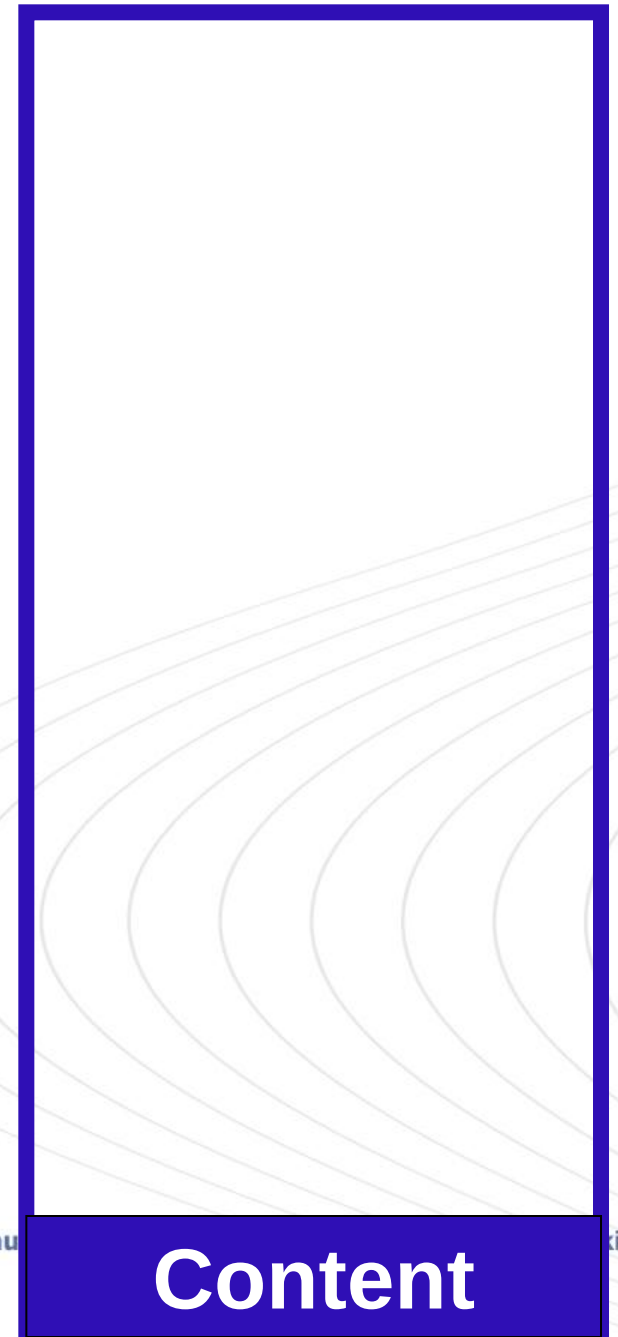
Content

Capability

3 Cs

- **Context:** Infrastructural/technical factors shape and influence participant perceptions of ICT-enabled environments.
- **Content:** National factors emphasise the 'uniqueness' of individual institutions and shape the direction and focus of ICT-based implementations.
- **Capability:** Individual factors building the competence, confidence and understanding of individuals and determine the successful integration of ICT in institutions.

Context



Content

Capability

3 Es

- **Enabled:** Initiatives measured on how they have enabled users to participate in ICT enhanced environments.
- **Engaged:** Initiatives can be measured on how they have initiated and maintained engagement in the ICT communities established.
- **Empowered:** Initiatives can be measured on how they have ensured all participants are capable of participation.

Enable

Engage

Empower

Ki te whakakaha i te iwi mā te ara mātauranga, te rangahau umanga whanakenga hoki

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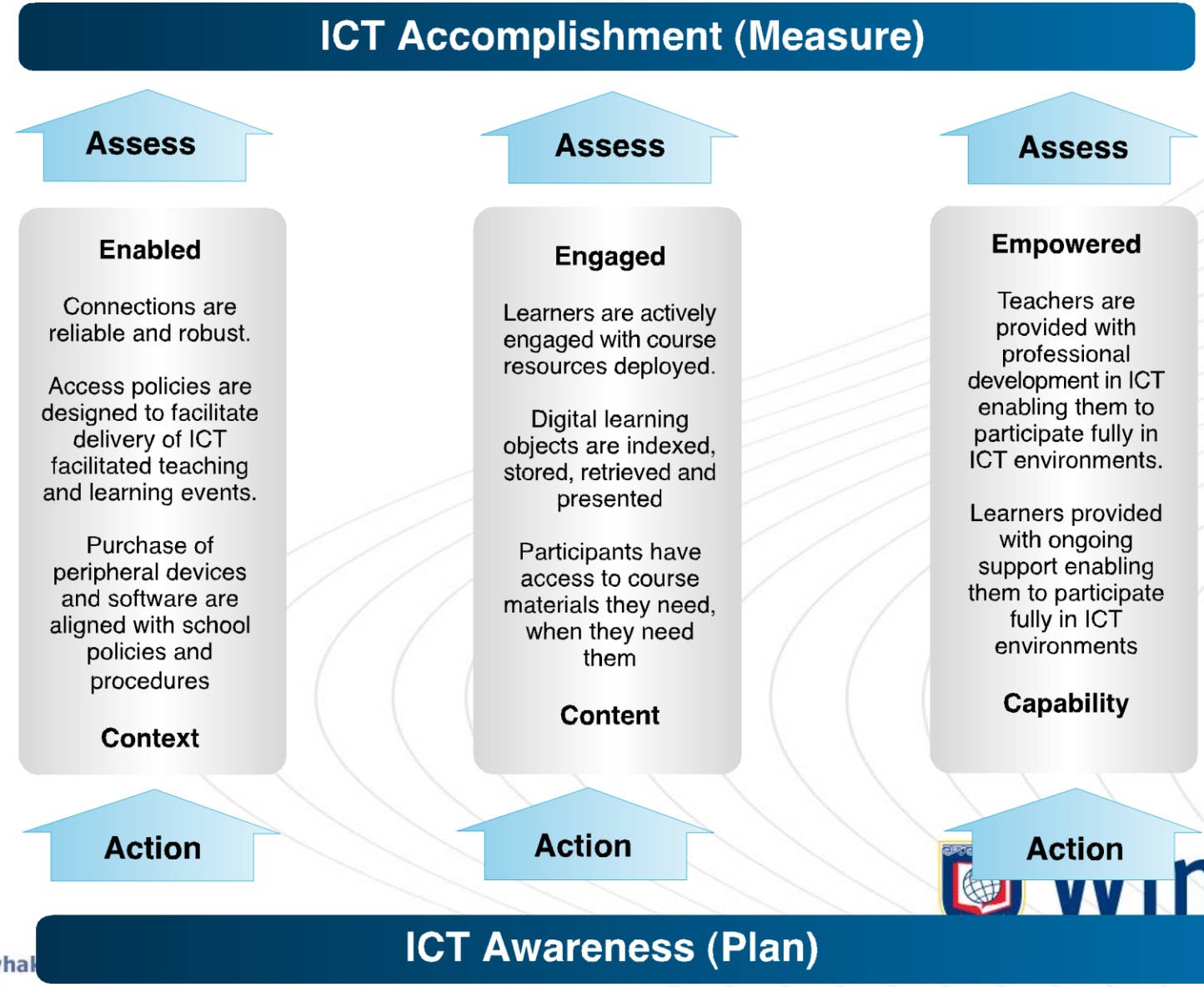
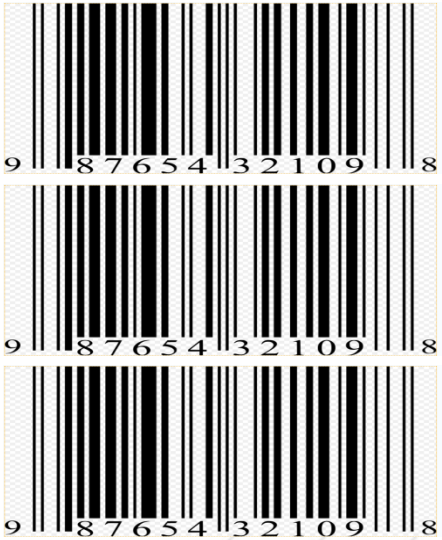
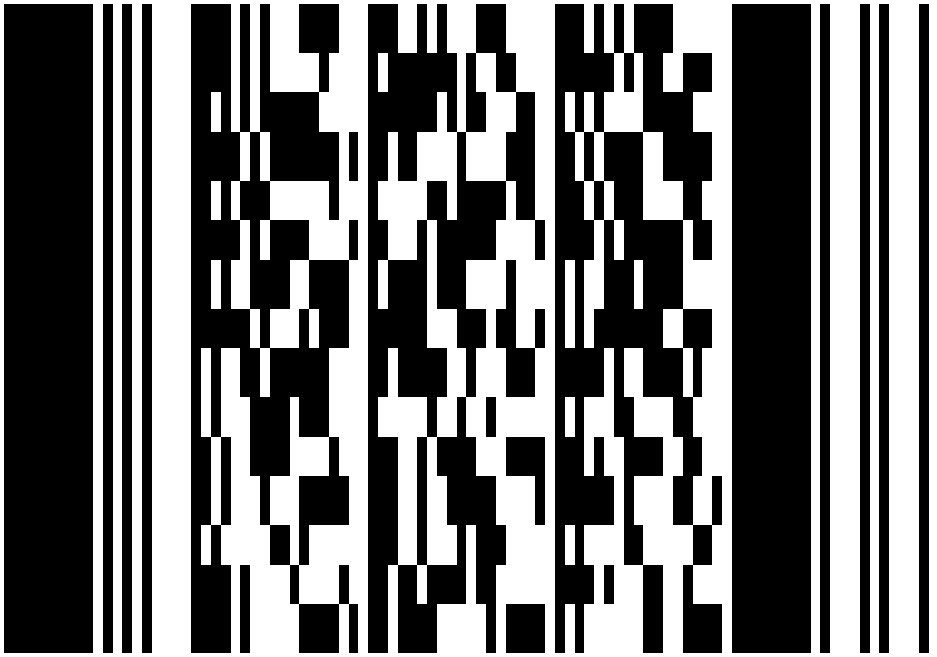
The A.C.E Model



One Dimensional

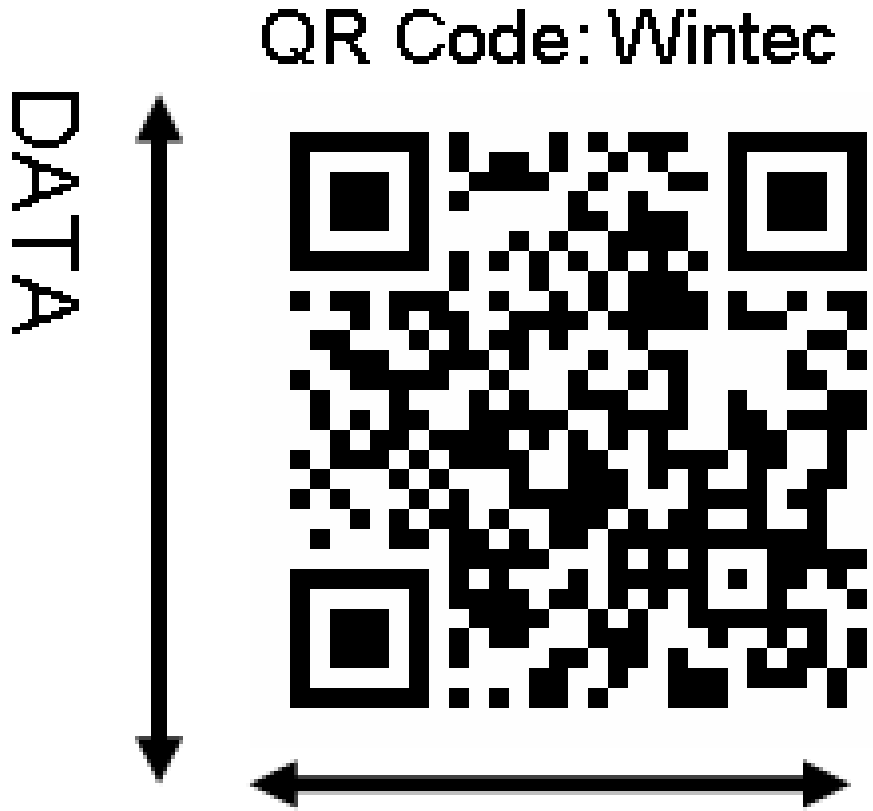
Stacked

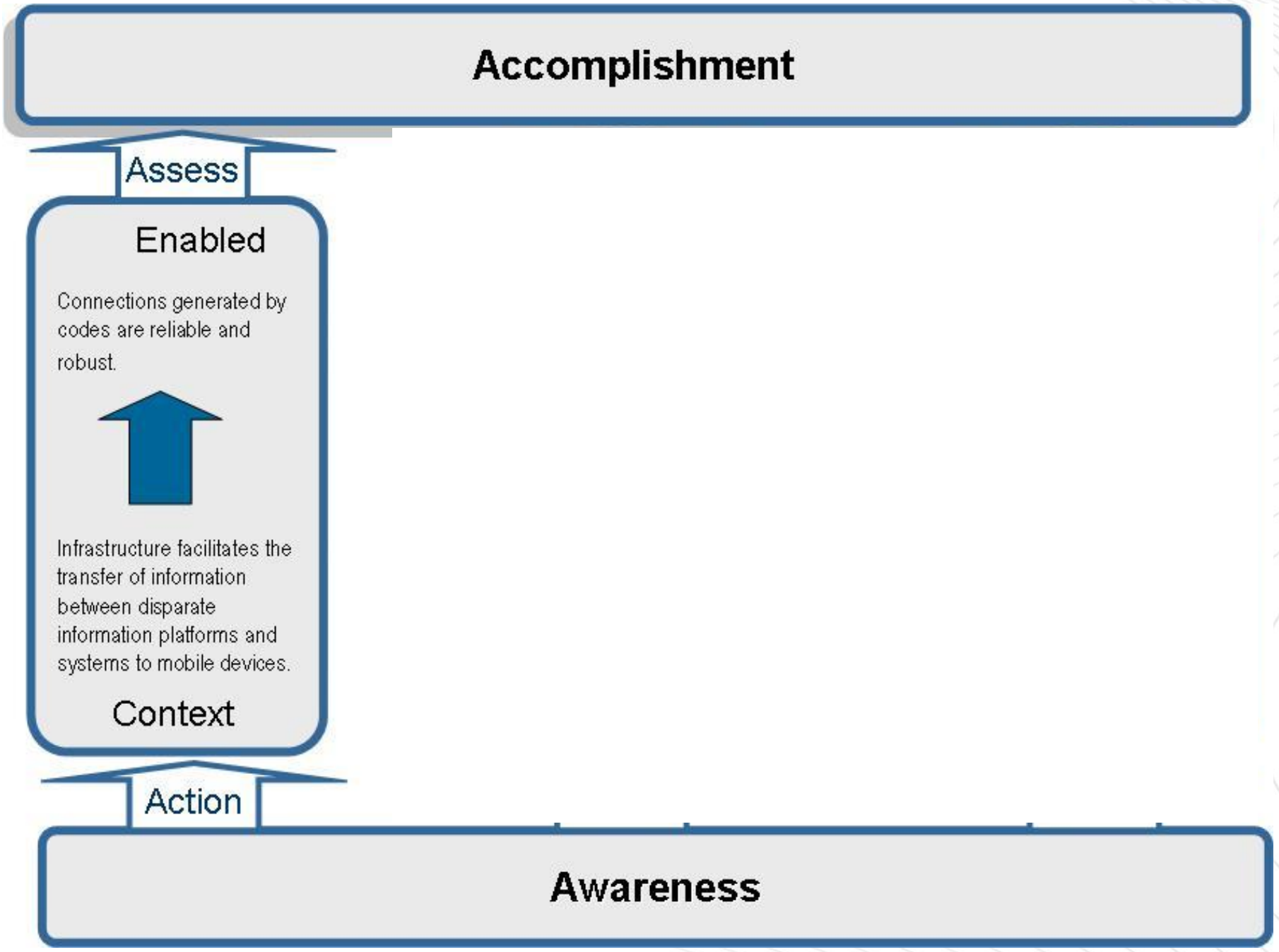




Two Dimensional

- QR code is presented in both the vertical and horizontal dimension (direction)



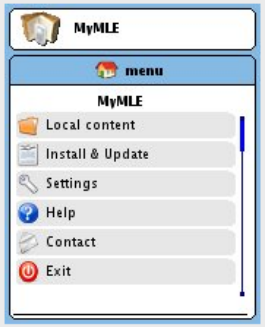

Accomplishment
Assess
Enabled
Connections generated by codes are reliable and robust.
Infrastructure facilitates the transfer of information between disparate information platforms and systems to mobile devices.
Context
Action
Awareness

Mobile Learning Engine: MLE

MyMLE - End Users
For private persons

MyMLE is for everyone, who wants to use mobile learning for himself. It allows you to create your **own mobile learning content** and to pack it to a mobile phone application, which you can use on your phone.

ENTER



MyMLE is a stand-alone PC application (for Windows and Linux) which is easy to use. The mobile phone application it creates runs on nearly every mobile phone.

MLE-Moodle - End Users
For institutions/companies

An **out-of-the-box mobile Learning** system. Which contains everything you need to build a mLearning system. Easy to install and easy to use.

To use MLE-Moodle you need a web-server!

ENTER

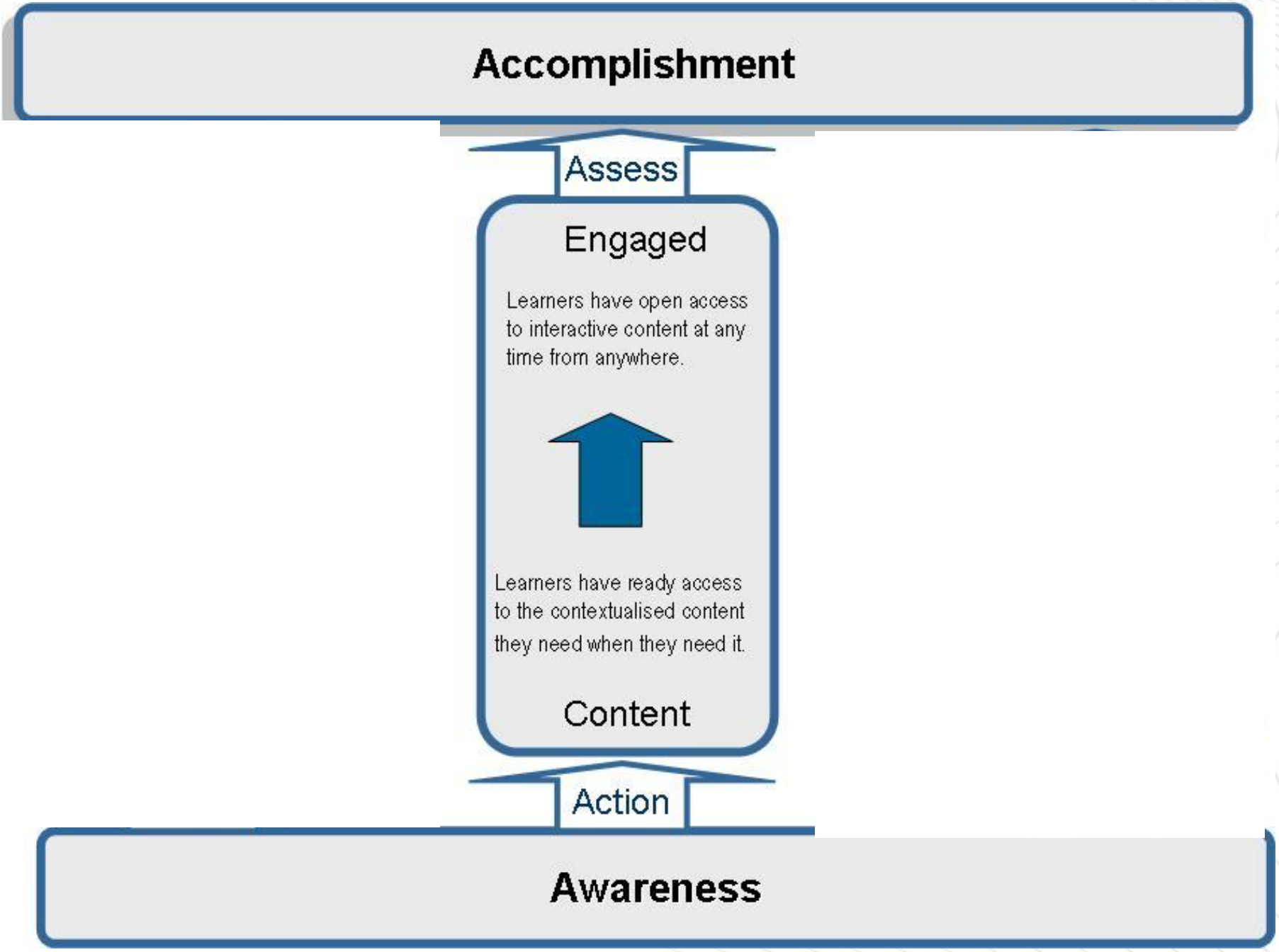
MLE-Moodle is a plugin for **Moodle**, which adds mLearning functionallity to this open-source eLearning system. The mobile learning area can be accessed with the mobile **phone browser** or with a special mobile **phone application**, which is designed for mobile Learning.

MLE mobile application framework - Developers

The mobile phone learning-application offers a very powerful **mobile application framework** for your own mobile projects. Extending the MLE is very easy due to a plugin-system.

For **developers only**!

ENTER


Accomplishment
Assess
Engaged
Learners have open access to interactive content at any time from anywhere.
Learners have ready access to the contextualised content they need when they need it.
Content
Action
Awareness

“Scapes”

My Maps

Create personalised, annotated, customized maps using Google Maps.

Your maps can contain the following:

- Placemarks
- Lines
- Shapes

Once you have created a map, you can:

- Add descriptive text, including rich text and HTML
- Embed photos and videos in your map
- Share your maps with others

To create or edit maps, you must be signed in to your Google Account. If you do not have an account, create one now.

Creating a Map

Creating a map is easy. Here are the basic steps:

1. Click **My Maps**
2. Click **Create new map**.
3. Add a title and description for your map.
4. Decide whether the map should be **public** or **unlisted**. Public maps are automatically included in Google Maps search.
5. Use the icons in the top left corner of the map. These include:

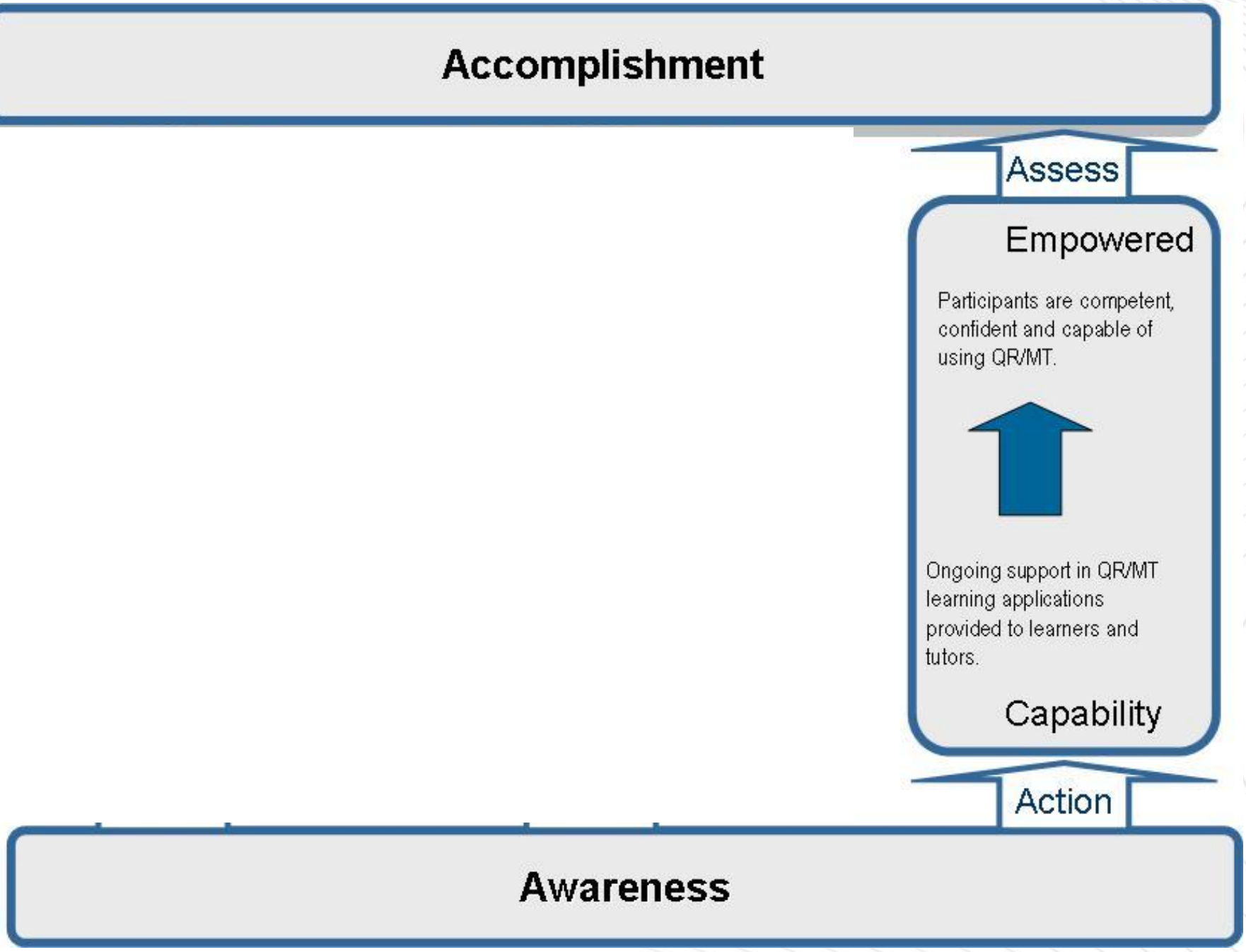
Selection tool. Use this to drag the map and select placemarks, lines and shapes.

Placemark tool. Use this to add placemarks.

Line tool. Use this to draw lines.

Shape tool. Use this to draw shapes.

You can return to your map at any time. Just go to Google Maps and click **My Maps**. Sign in to your Google Account and select the map from your list of maps.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Empowered
Participants are competent, confident and capable of using QR/MT.
Ongoing support in QR/MT learning applications provided to learners and tutors.
Capability
Action
Awareness

Australian Flexible Learning Framework news

- Framework to help build e-learning momentum in Asia
- E-learning integral for trades training
- VET E-portfolios Showcase - call for presenters
- e-Gems webconference - Second Life, scenarios, Sloodle and an outbush community
- Toolbox strengthens awareness of Indigenous culture

eLearning Watch

- ElearningWatch December 2009
- elearningWatch November 2009
- eLearningWatch Oct2009
- elearningwatch Sept2009
- elearningWatch August 2009

Going Mobile

The Emerging Technologies Centre has included a functionality, "Mobile Learning Engine", to this site. This functionality allows participants to engage with moodle courses from their phones. A QR code to access ETC - Mobile is provided below.

Emerging Technologies Centre
Te Taiwhanga Hangarau Mohou

Wintec theory to practice

ETC Moodle Link: http://etc.elearning.ac.nz/

ETC Manager: Dr John Clayton

Course categories

- e-Learning & Industry
- Demonstrator Space

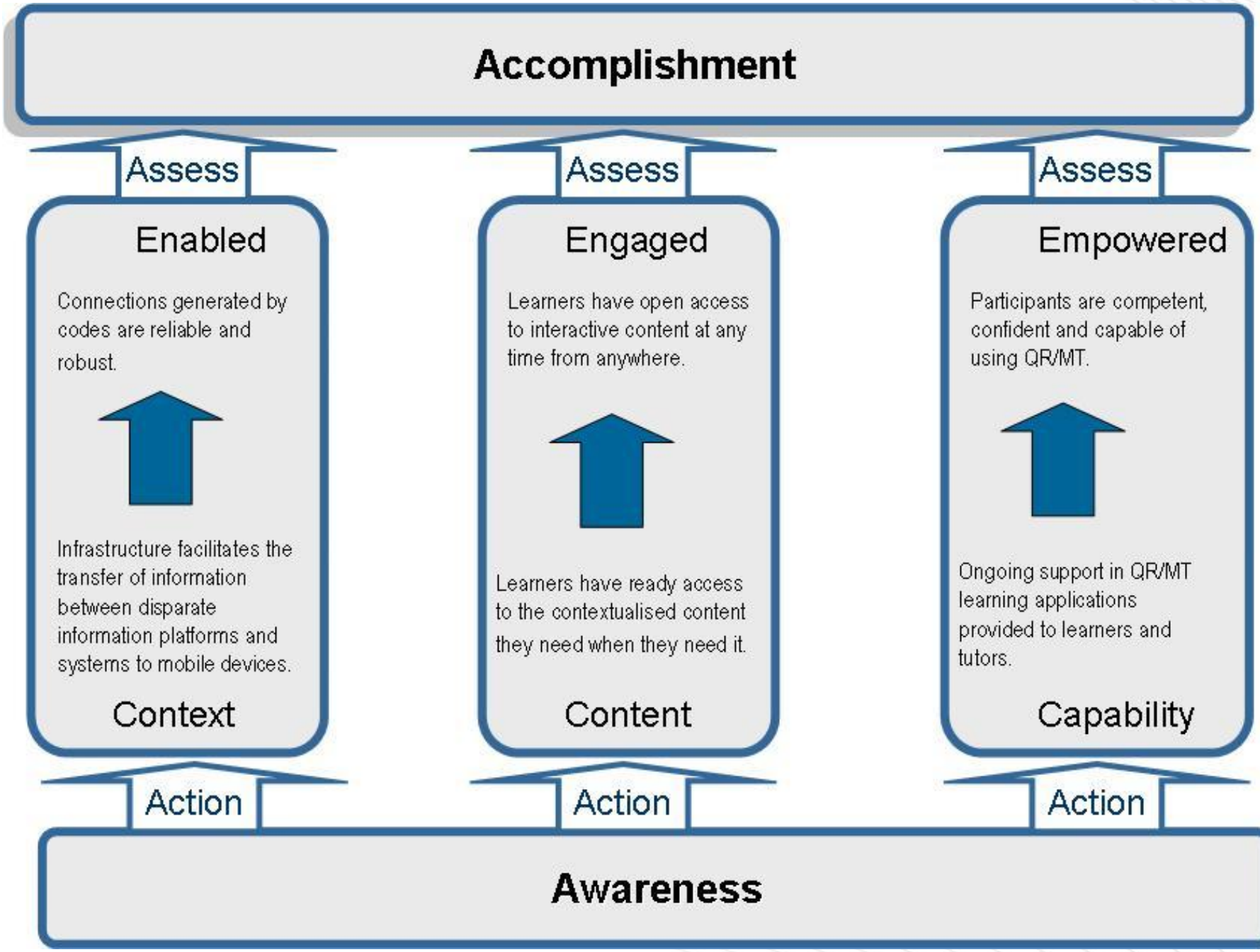
All courses ...

Login

Username ctjfc
Password ●●●●●●●
Login
Lost password?

Scoop NZ - Education

- Polytechnic purchases international colleges
- Teachers Ramp Up School League Table Debate
- Kindergarten still in demand
- Kids Planet Childcare Open Day - Albany
- NCEA Results In The Post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