

Capacity Building Project of CCMAS

under the Leadership of the Vice Chancellor Benson Idahosa University
Prof. Sam Guobadia

Effective Teaching and Learning: Adopting the 21st Century Skills in Implementing the CCMAS



**Dr. (Mrs.) Beauty E.
Jackson-Akhigbe**
**Ag. HOD Department of
Accounting,
Faculty of Social and
Management Sciences,
Benson Idahosa University,
Benin City, Edo State,
Nigeria**

Introduction

believed that education is the major
le for the realization of socio-
mic, socio-political innovation and
ological advancement in every
ty.

ani and Okebukola (2012), stressed
learners should not only be helped
ek for knowledge, they should be
red to create knowledge in the fast
ing socio-economic, political and
nmental terrains.



Old and new Technologies in Teaching in Higher Education

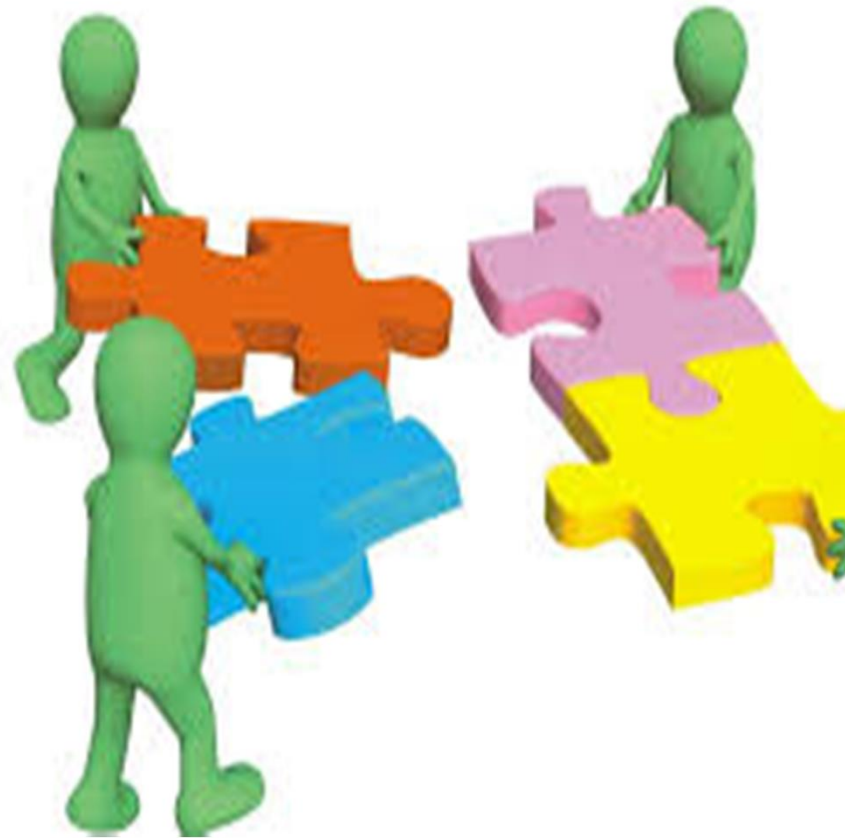
teaching techniques

This method, students learn through;
repetition and memorization.
There is little or no scope for critical thinking.
Teacher centered
Not ready for Use of technology



What are the new teaching methods?

ICT in Teaching and Learning,
Collaborative Learning,
Flipped Learning,
Flipped Classroom,
Self Learning,
Gamification,
Crossover Learning,
Brief Individual and Group
Presentations
PowerPoint Presentation
C



Summary

Old Teaching	New Teaching
Conventional Speed	Twitch speed
Mono-tasking	Multi-tasking
Linear approaches	Non-linear approaches
Stand-alone	Connected
Competitive	Collaborative
Passive	Active
Separating learning and playing	Learning by playing
Technology as foe	Technology as friend

Technology and Teaching

have a duty to ensure that
of our students have an
appropriate familiarity with the
technology that is so rapidly
changing the world.

Using technology to implement
CMAS, we improve our core
mission as a University, and give
students the skills they need
to function effectively in the
REAL WORLD OF WORK.



Pertinent to ask:

How many of us use
Technology in teaching

Approaches in Using Technology

Through technology, learning takes place throughout the day, both in and out of school, which impacts positively on the learners. Learning can take place anytime, anywhere and anyplace.



flexible with location and duration

technology to vary the pace and
used to make learning more
ing and conduct virtual visits to
places using interactive internet
resources.

learning more mobile

use of mobile technologies such as
phones, GPS, data bloggers and
handheld computers



M-Learning



ocial networks

Support the use of social networks technology to allow learners to collaborate safely and responsibly in creation and management of their own learning.



Learning Platforms

Provide access to your study materials at any time using learning management systems and virtual learning environments,

Facilitate 1:1 support

Use online messenger services or email to encourage 1:1 support and mentoring for learners.

Target audience:

Drawn from other institutions through video conferencing and social networks. Allow learners as creators of content to present to a diverse and authentic audience.



Learners' technical expertise:

Focus on what learners have to say about technology, how they use it in their day-to-day lives, and its impact on their learning.



Get ready for a practical demonstration in the use of an app to effectively teach in all 17 disciplines in our universities.

Downloading Active Presenter

Download and Install the Active Presenter

<https://atomisystems.com/download/>

There are two types of Active presenter (For Windows and Mac)

Download your choice and install, depending on your OS

How to Record Computer Screen Using Active Presenter

Open the document you wish to record on your computer

Click on the Active presenter and select record screen as video

Enable the audio and camera if you want your video to be captured

To start recording, click > capture

Click stop Icon to stop recording

To save the video, click on export on the software tool bar

Click video and click Ok after selecting where the video will be saved

How to Generate a QR-Code

Publish the recorded video in any of (TeacherTube, YouTube, Twitter, and Google Drive)

Copy the url of the published video (uniform resource locator)

Go to <https://www.qr-code-generator.com/> and generate QR-code

Share with your students

The video can be watch anywhere and anytime.

demonstration can be used in all disciplines.

Give a 5-10 minute teaching narrative on how to use excel sheet referencing values and plotting of graphs in different chart styles.

procedure involves:

1: Open excel sheet where you want to record screen

2: Open your software & click 'Record Video'

Now you will get a toolbar with multiple options to record screen.

Use these options to choose the area, record audio and video along with your screen.

3: Explain how to plot the data using excel and referencing

And once the recording is done, it will be opened in the software where you can edit.

Step 4: Save the video file of your recording

✓ You need to export the video, once you've exported, you can view it.

✓ You can make it look better by editing it.

Step 5: Upload the save video to sites (TeacherTube, FaceBook, YouTube, Twitter and etc)

Creating a QR-Code

Step 1: Copy the web address of the sites where video was published

Step 2: Go to <https://www.qr-code-generator.com/> and generate QR-code

Step 3: Create a QR-code from the address copied

Step 4: Share the url link and the code generated with students

The video can be watched anywhere, anytime and anyplace

Method 2

Use Smartphone to create a 5-7 minute explanation of a topic (Accounting Equation)

- ✓ Open the PPT slides already created
- ✓ Open the Xrecorder (screen recorder) using the smartphone
- ✓ Finish explanation and stop recording
- ✓ Edit the video using (imovie, Canva)
- ✓ You can add music and effects (Descript, imusic)
- ✓ Upload and share video (TeacherTube, YouTube, Twitter, WhatsApp, Facebook)
- ✓ Create a QR-code from url and share code to students

Active Presenter

<https://atomisystems.com/download/>

QR Code Generator

<https://www.qr-code-generator.com/>

Color to influence mood
emotion on presentation
s. The colors for font,
notations and backgrounds
influence the way they are
ceived.

Shabani and Okebukola (2013), explained the basic guide to using color in presentations: They postulated that;

Red - excitement, alert

Green - growth

Yellow - confidence, warmth, wisdom

Purple - dignity, sophistication

Blue - truth, trust, justice

Black - authority, strength

Orange - action, optimism

Brown - friendliness, warmth

Grey - integrity, maturity

Challenges	Way Forward
<p>Speed of Change: Integration of old and new methods of teaching</p>	<p>Hybridization is a must in the current dispensation the world over, we must adapt</p>
<p>Teacher Knowledge: Resistance by some academics</p>	<p>There is need for training and gradual adaptation of the technologies</p>
<p>Internet: Unreliable internet connections and cost</p>	<p>Do not rely on one ISP only, diversification of connection may help</p>
<p>Security dynamics: Keeping students online</p>	<p>Address security concerns using different techniques- create e-portfolios, group chat, and etc</p>
<p>Power: Incessant power supply</p>	<p>There is need to have a back-up power supply</p>

Take Home Message

Innovate with tools on
ground
Pick out free, easy to use
digital resources
Overcome your fear for
the unknown
Learn with your students



Conclusion

Technology provides students with easy-to-access information, accelerated learning, and fun opportunities to practice what they learn. It enables students to explore new subjects and deepen their understanding of difficult concepts.

Technology should not just replicate what we do already; it should offer new ways of working and offer learners new ways of interacting with information and gaining knowledge, understanding and skills.

Bibliography

UNESCO (2012). Shaping the education of tomorrow: 2012 Report on the UN Decade of Education for Sustainable Development. Paris: UNESCO.

Adeniji, J and Okebukola, A. P. (2013). Guide to effective teaching and learning in education in Africa: Section for Teacher Policy and Development, Division for Policy and Development of Education Systems, Bamako: UNESCO

Adeniji, R and Ceka, A. (2017). The Use of Technology in Educational Teaching, *Journal of Education and Practice*, ISSN 2222-288X, Vol.8, No.6

Alvarez, A., Meneses, J. & García, C (2015). Technology use for teaching and learning. *Revista de Medios y Educación*. N° 46. Enero 2015. e-ISSN: 2171-7967
<https://doi.org/10.12795/pixelbit.2015.i46.01>

Adeniji, A. (2023). Effective use of technology in the implementation of the CCMAS. *Journal of Education and Practice*.
/11/2023
training on CCMAS implementation organised by NIIIC

Thanks

and

God bless you for the rapt attentio

Dr. (Mrs.) Beauty E. Jackson-Akhigbe
bjackson-akhigbe@biu.edu.ng