### INTEGRATING ICTs in TEACHING AND LEARNING ACCESS, DIVERSITY & INCLUSION

#### Digna S. Evale, DIT

CICT Faculty Bulacan State University digna.evale@bulsu.edu.ph **Technology** can become the "wings" that will allow the educational world to fly farther and faster than ever before - if we will allow it.



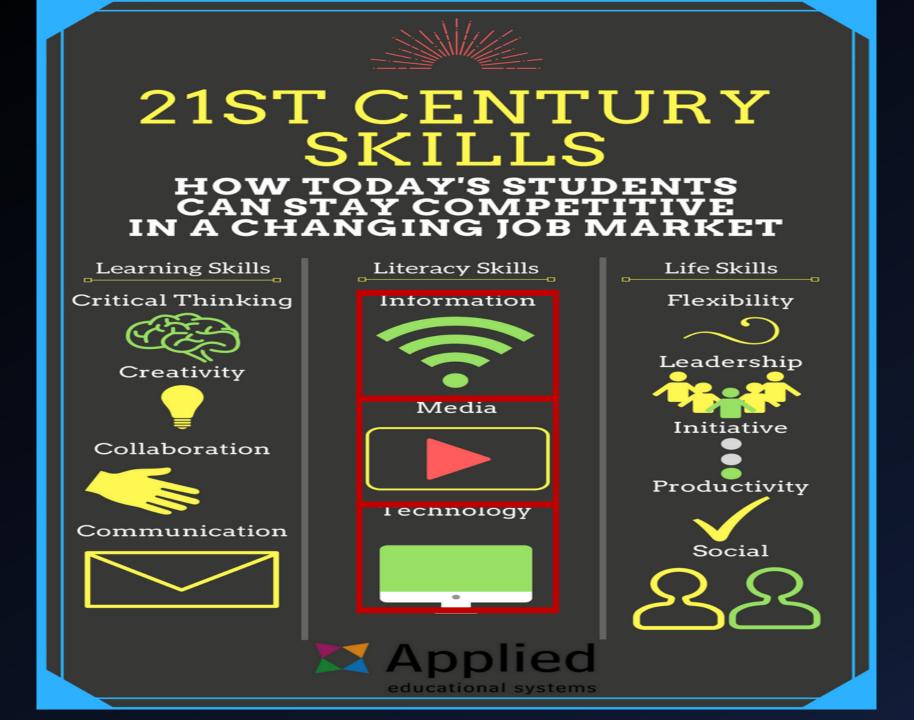
Photo retrieved form <a href="https://mashable.com">https://mashable.com</a>. December 3,



# Role of ICT Iry Education









The growing connection between students' lives and digital technology...

59% use a mobile phone to study 93% use study apps

67% listen to Pandora & iTunes while study

Top Hardware: 30% use google drive1. Laptop2. Pen & Paper

Smartphone
Tablet

# Why do we need to integrate ICTs in education?







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VECTORTOONS.COM

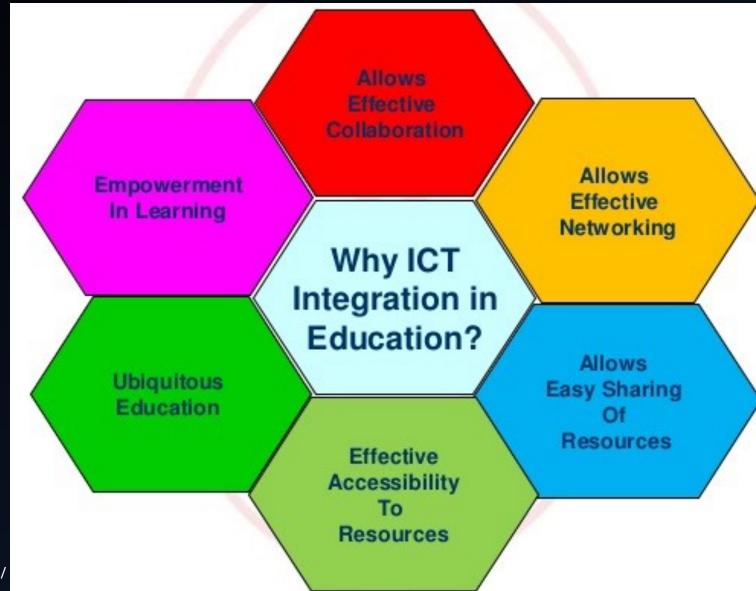


### DEPENDENT



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#### Why do we need to integrate ICTs in education?



https://nidhituran.wordpress.com/

"Teachers need to integrate technology seamlessly into the curriculum instead of viewing it as an add-on, an afterthought, or an event."

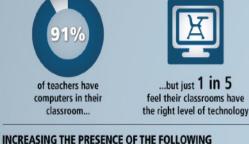


#### Heidi Hayes Jacobs

Founder and President Curriculum Designers, Inc.



Technology is undeniably changing the face of education, and it's easy to see the impact already. Imagine what classrooms will be like in 20 years with the speed of technological innovation. Learn more about some of the key advancements in the 21st century classroom.

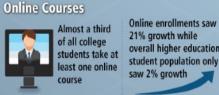


TECHNOLOGIES COULD CHANGE THAT RATIO DRASTICALLY



Project-based learning (PBL) teaches concepts, but also organization, articulation, project management and collaboration

Integrating life skills into education can improve student engagement and retention and prepare them for 21st century careers



Over 65% of education institutions count online learning as critical for long-term educational success

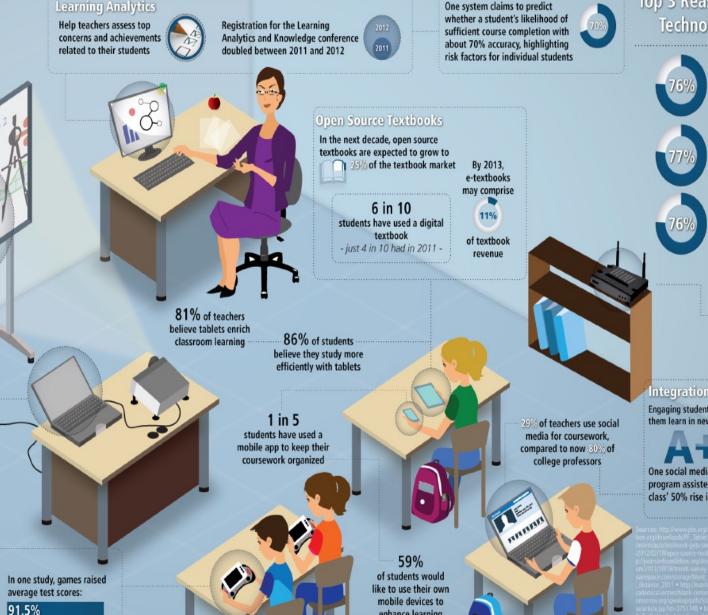
Games and overall higher education Gamification

> of teachers have used online 43% games in the classroom

With the use of digital games

Without the use of digital games

79.1%



enhance learning

Top 3 Reasons for Teachers to Use Technology in the Classroom

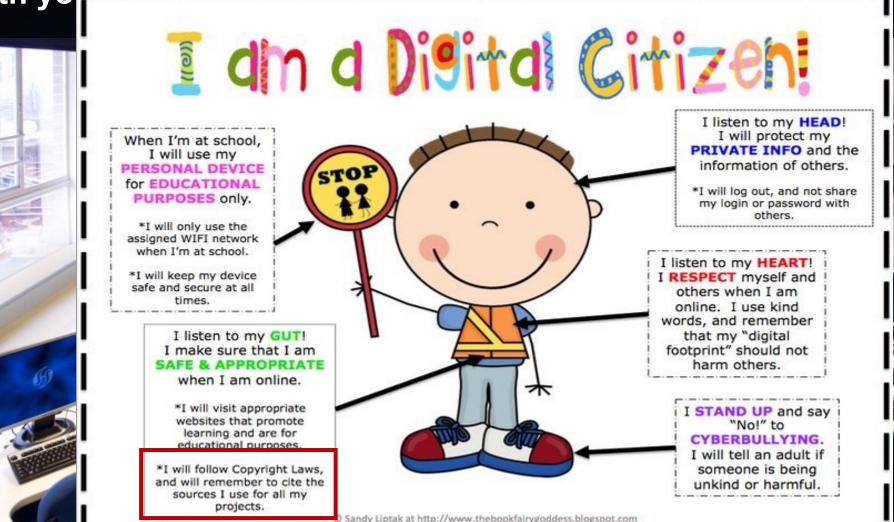


One social media pilot program assisted in a class' 50% rise in grades

integrating social networks into the classroom would benefit their education

**Open Colleges** 

Make digital citizenship a priority
Start with yo \_\_\_\_\_\_



3. Teach mini-lessons *before* using devices

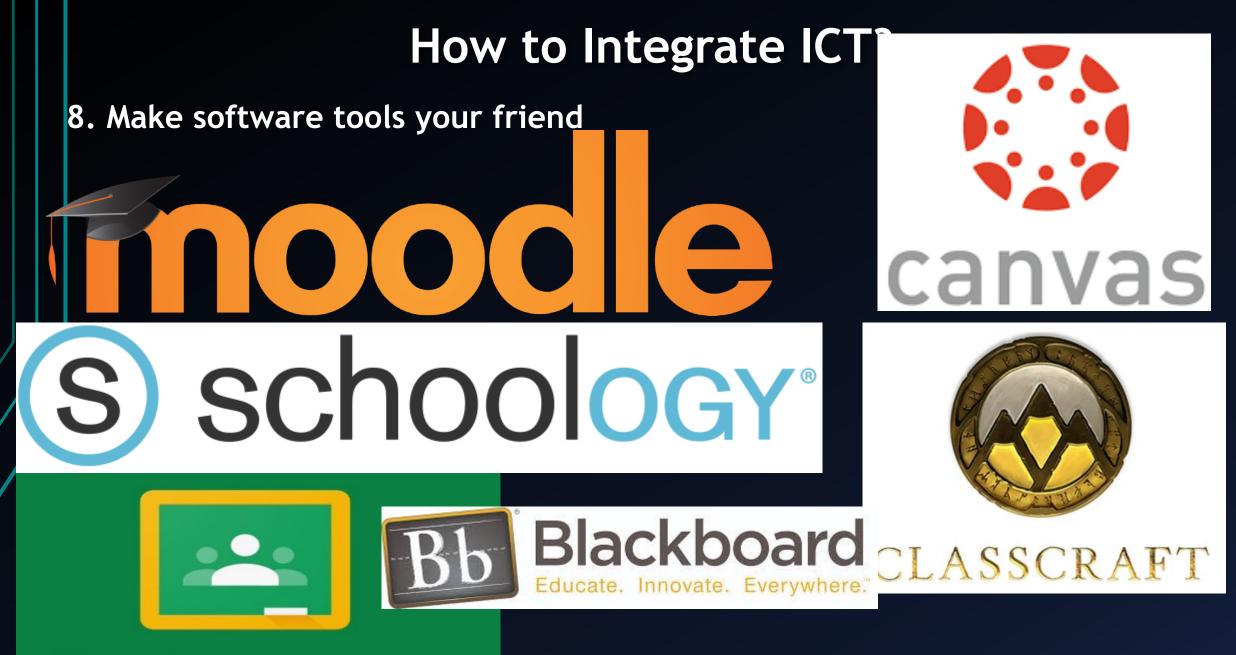




#### 4. Use the power of choice **Practice Creativity**







**Google** Classroom

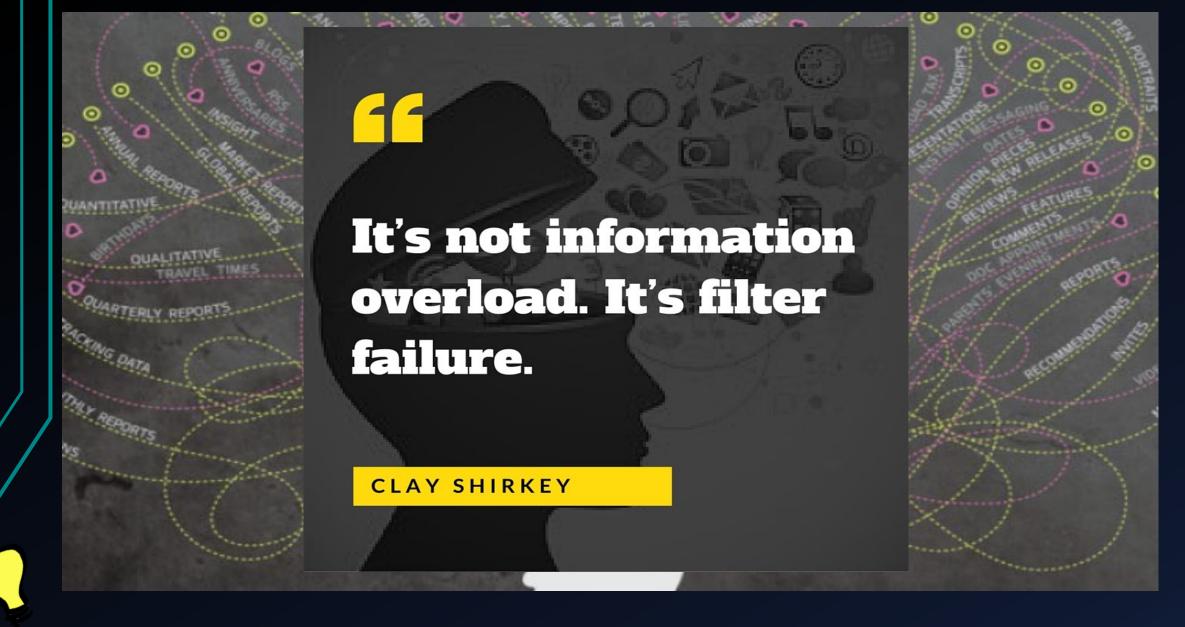
# Having those technology...



Having those technology...

#### is our role in the lives of students ...





**Clay Shirky** [an American writer, consultant and teacher]is today's leading voice on the social and economic impact of internet technologies.

Sure they know how to use search engines...

# But who will teach them to:

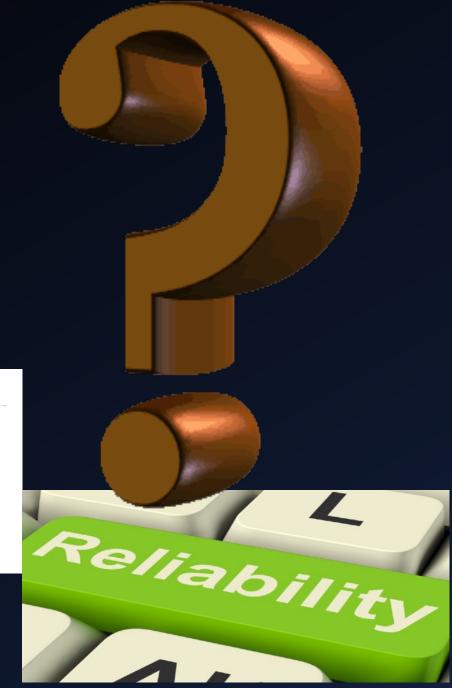
- VALIDATE INFORMATION?
- SYNTHESIZE INFORMATION?
- LEVERAGE INFORMATION?
- COMMUNICATE INFORMATION?
- COLLABORATE WITH INFORMATION?
- PROBLEM SOLVE WITH INFORMATION?

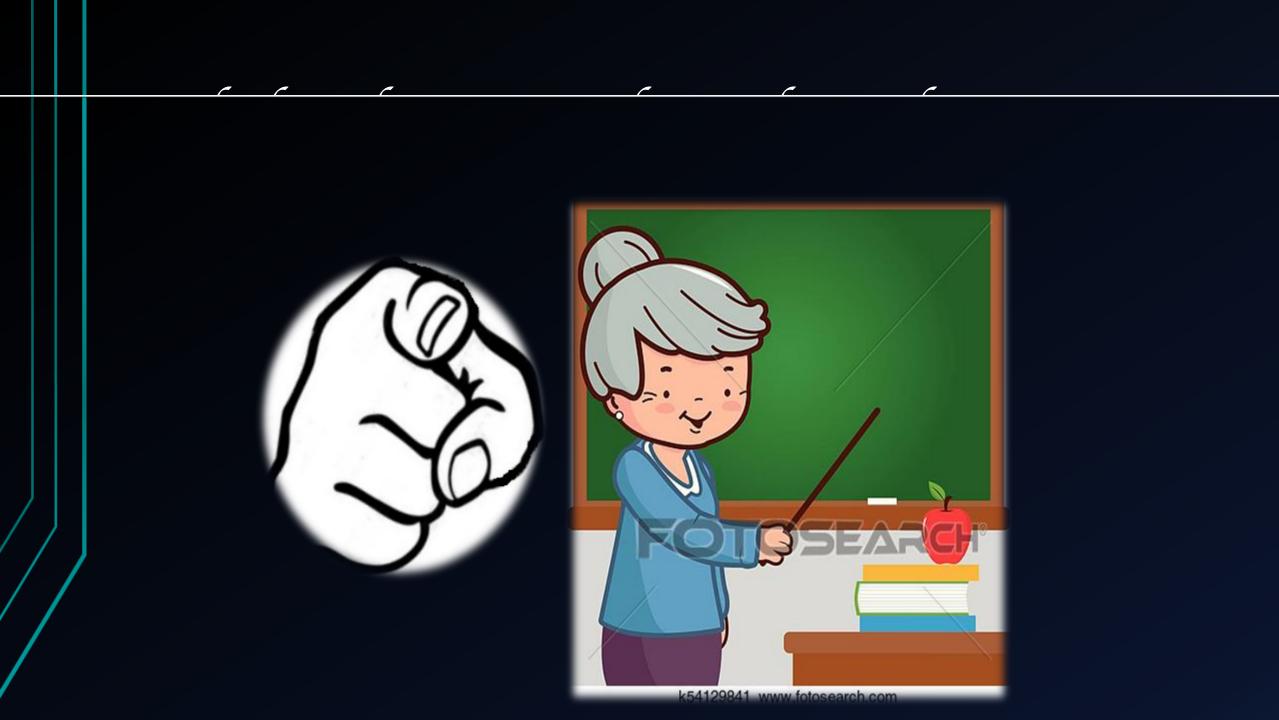


And from whom will they learn ...

RESPONSIB







#### Good teachers will never become obsolete.

Students may be digital natives, but they still need help in locating and using digital resources for learning. Teachers may no longer be valued as content-area experts, but they can help students learn how to build knowledge. The best teachers Care about their students And that will never go out of style.

## Slides available at: https://tinyurl.com/y9aryxnl

hank Uou!