



# INNOVATION

## *in Education 2*

& THE WELFARE OF TALENTED STUDENTS

**21<sup>st</sup> Century Classroom Intelligence; Learning and Leadership**  
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**Edugate ME Editing Manager**



# ENTERTAINMENT



# iPhone 7

7 IPHONE7HUB





## Quality Family Time Past



## Quality Family Time Today



## New jeans



**BEFORE**



**TODAY**

# INNOVATION

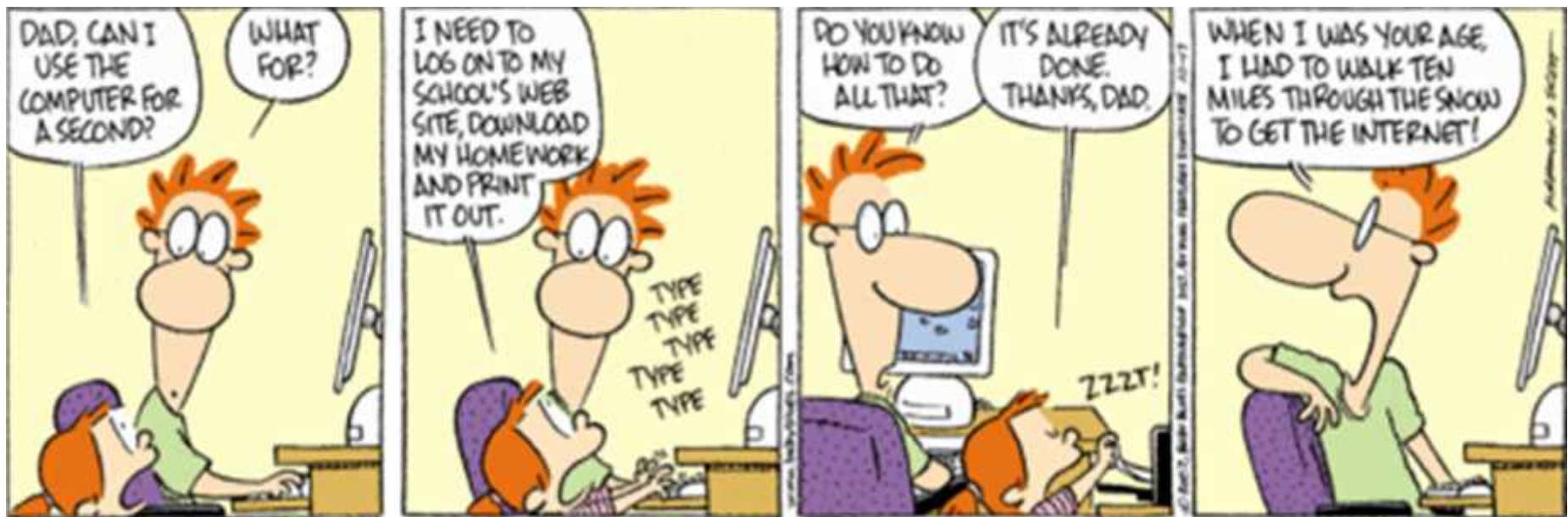
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# Who is the digital native?



- Describe 21<sup>st</sup> century learners.
- Discuss how to teach the 21<sup>st</sup> century learner.

# Quiz Time...

What are the 21<sup>st</sup> century  
learning skills?



# The 4 Cs

- Collaboration
- Communication
- Creativity
- Critical Thinking

## The 21<sup>st</sup> Century Learning Skills

Learning and innovation skills prepare students for the complex life and work environments in the 21st century.

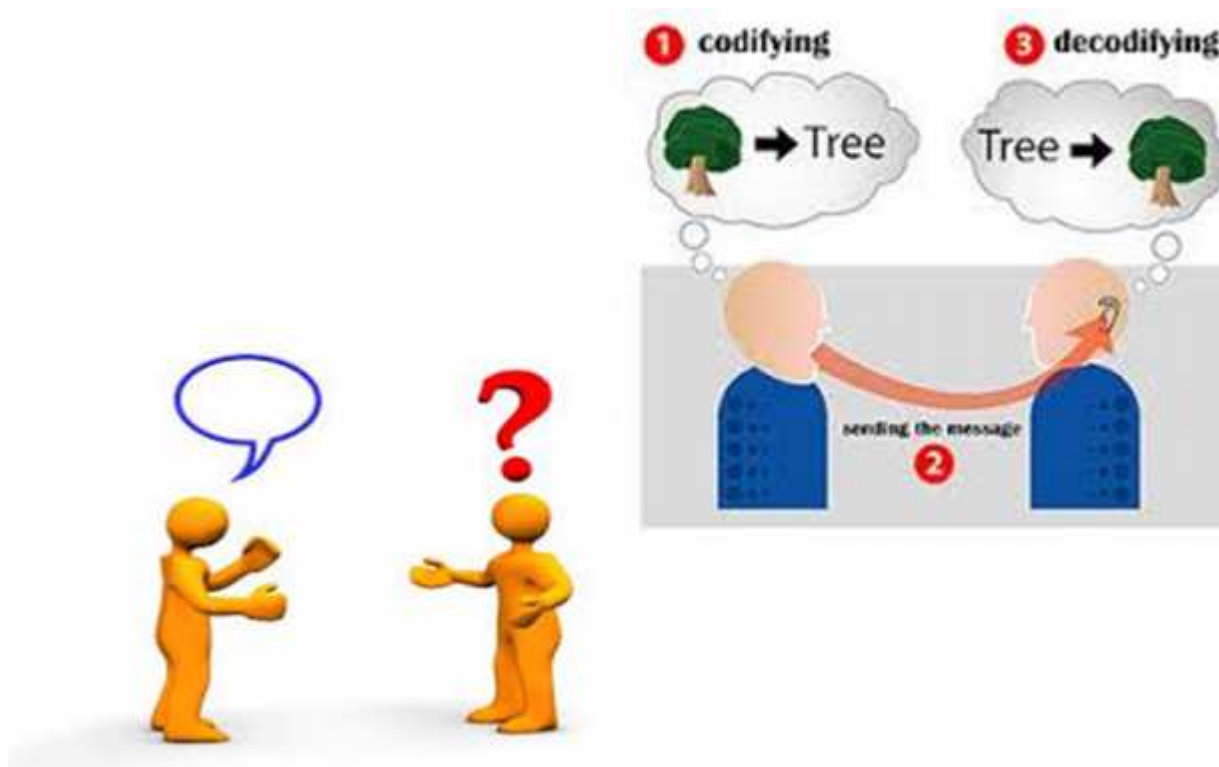
They focus on collaboration, communication, creativity and critical thinking .

# Collaboration





# Communication



# Creativity

Creativity is not simply a matter of coming up with new ideas. The kind of creativity that is valued is the ability to come up with new and *useful* ideas; ideas that serve an important need or create a new trend that makes an impact.



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# Critical Thinking



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work



money



family



friendship



Relationships



# What is critical thinking?

evaluation

reflection

rational

analysis

experience

cognitive

observation

judgments

interpretation

information

knowledge

mental processes



*“It is strange that we  
expect students to  
learn, yet seldom  
teach them anything  
about learning.”*

*Donald Norman, 1980*

## Fact

**We teach students  
the way we were  
taught.**

## Question

**If that is not true,  
how do **YOU** teach?**

# Fact



**Old Learner**

**VS.**



**21<sup>st</sup> Century  
Learner**



## Old learner vs. Modern learner

Text Content

Passive

Formal

Techno-Phobic



Visual Content

Hands-On

Personal

Techno-Savvy



## Old learner vs. Modern learner

Independent

Competitive

Sequential



Interactive

Collaborative

Non-Linear



## Question

How do **WE** cope?

# Characteristics of a 21st Century Teacher

## **21<sup>st</sup> Century Educators are able to adapt**

1. the curriculum and the requirements to teach to the curriculum in imaginative ways;
2. software and hardware into tools utilizable by a variety of age groups and abilities to a dynamic teaching experience.
3. teaching style to be inclusive of different modes of learning.



# Characteristics of a 21st Century Teacher

## The Adaptor

The 21st Century teacher, as a communicator, must be fluent in tools and technologies that enable communication and collaboration anywhere, anytime. They do not only know how to do communication, they also know how to facilitate, stimulate, control, moderate, and manage communication.

# Characteristics of a 21st Century Teacher

**The Adaptor**

**The Communicator**

**The 21st Century teacher, as a learner, must**

- be lifelong learners;
- continue to absorb experiences and knowledge;
- endeavor to stay current.

# Characteristics of a 21st Century Teacher

**The Adaptor**

**The Communicator**

**The Learner**

**The 21st Century teacher, as a visionary, must have rich imagination to:**

- see the potential in, grasp, and manipulate the emerging tools and web technologies;
- look at others' ideas and envisage how they would use these in their class; and
- make other fields as leverage to reinforce their own teaching and the learning of their students

# Characteristics of a 21st Century Teacher

**The Adaptor**

**The Communicator**

**The Learner**

**The Visionary**

**The 21st Century teacher, as a leader,**

- leads by example by championing processes and modeling skills—walks the talk;
- set clear goals and objectives crucial to the success of a project



# Characteristics of a 21st Century Teacher

**The Adaptor**

**The Communicator**

**The Learner**

**The Visionary**

**The Leader**

The 21st Century teacher, as a **model**, should **model**

- the behaviours that they expect from their students—tolerance, acceptance, a wider view than just their curricula areas, global awareness, and reflection

# Characteristics of a 21st Century Teacher

**The Adaptor**

**The Communicator**

**The Learner**

**The Visionary**

**The Leader**

**The Model**

The 21st Century teacher, as a collaborator, must be able to

- leverage collaborative tools like LinkedIn, Ning, Blogger, Wikispaces, Bebo, MSN, MySpace, Slideshare, Pinterest, Instagram and Facebook to enhance and captivate our learners
- Share, contribute, adapt and invent using these collaborative tools

# Characteristics of a 21st Century Teacher

**The Adaptor**

**The Communicator**

**The Learner**

**The Visionary**

**The Leader**

**The Model**

**The Collaborator**

**The Risk taker**

**The 21st Century teacher, as a risk taker, must**

- take risks and sometimes surrender to the students' knowledge and use the strengths of these digital natives to
  - ✓ understand and navigate products
  - ✓ have students teach each other

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Emotional Intelligence is a type of **social intelligence** that involves the ability to monitor one's own intelligence related to emotions and also respect other people's emotions and use this information to guide one's thinking and action.

# The Two Sides of Emotional Intelligence

**1- Personal Competence** – how we manage ourselves

**Self Awareness** – knowing your strengths and weaknesses

**Self Regulation** - trustworthiness, responsibility, adaptability,

**Motivation** - drive, commitment, initiative, optimism, charisma

# The Two Sides of Emotional Intelligence

**2- Social Competence** - how we handle relationships

**Empathy** - awareness of other's feelings and concerns

**Social skills** - adeptness at inducing desirable responses, such as communication, conflict management, cooperation, and leadership

- **Expressing emotions.**
- Quite often, when students are asked questions like: “How are you feeling? How did you feel when ...? How did character X feel when...?”, students tend to answer with a simple “I don’t know” or by formulating clichés.
- It is hard for them to express their emotions by means of words or other symbolic codes. They actually find it difficult to understand the shades of their own feelings.



**Thank You  
Dr. Tamer Victor**