



Role of Teacher as a Facilitator with Technology Enabled Learning – Flipped Classroom Approach

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Today's Situation

Most governments around the world have temporarily closed educational institutions in an attempt to contain the spread of the COVID-19 pandemic.

These nationwide closures are impacting over 60% of the world's student population. Several other countries have implemented localized closures impacting millions of additional learners.

UNESCO is supporting countries in their efforts to mitigate the immediate impact of school closures, particularly for more vulnerable and disadvantaged communities, and to facilitate the continuity of education for all through remote learning.

Source : <https://en.unesco.org/covid19/educationresponse>

COVID-19's Staggering Impact On Global Education

Number of learners impacted by national school closures worldwide



Figures refer to learners enrolled at pre-primary, primary, lower-secondary, and upper-secondary levels of education, as well as at tertiary education levels.

Source: UNESCO



statista

The change seen in the educational system



These pictures convey a lot of meaning.

The changed educational system due to Covid-19 lockdown.

Hence it is important to view the 'Role of Teacher as a Facilitator with Technology enabled learning'.

Lessons Learnt During Covid-19 Pandemic



Role of a teacher has changed:

Role of Teacher as a Facilitator with Technology enabled learning

OBJECTIVES OF EARLY CHILDHOOD EDUCATION

Developing
independence and
self-reliance

Developing
responsive and
reciprocal
relationships

Developing gross
and finer motor
skills

Developing body
awareness

Developing social
skills

Developing self-
control

Developing
cognitive skills

Developing
language skills

Characteristics of a Successful Early Childhood Educator

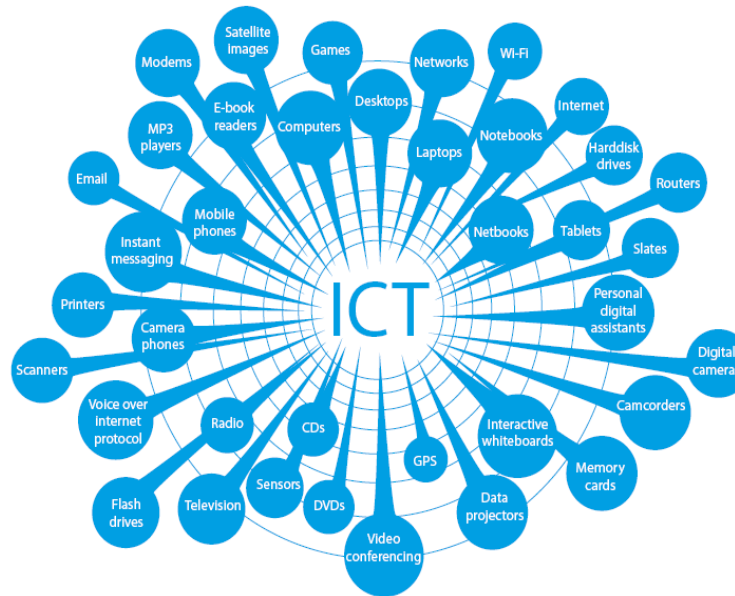
Genuinely fond of or interested in working with young children	Patient, tolerant and caring	Spontaneous, positive and friendly	Dependable and reliable
Understanding and accepting a child's emotions	Having a sense of humour	Flexible and adaptable	Seeking professional development
	Ability to multitask	Confident and committed	

With reference to Technology enabled e-learning

Technology enabled e-learning

ICT (Information and Communications technology/ies) - that allows teachers to **process data** and to **communicate through** device / application /services.

Technology based services that support core functions.



E-Learning – definition

The term e-learning comprises a lot more than **online learning**, virtual learning, distributed learning, networked or web-based learning.

As the letter “e” in e-learning stands for the word “**electronic**”, e-learning would incorporate all educational activities that are carried out.

Why e-learning?

The growth of e-learning is directly related to the increasing access to **information and communications technology**, as well it's decreasing cost.

The capacity of information and communications technology to support **multimedia resource-based learning** and teaching is also relevant to the growing interest in e-learning.

Growing numbers of teachers are increasingly using information and communications technology to **support their teaching**.

The major change...

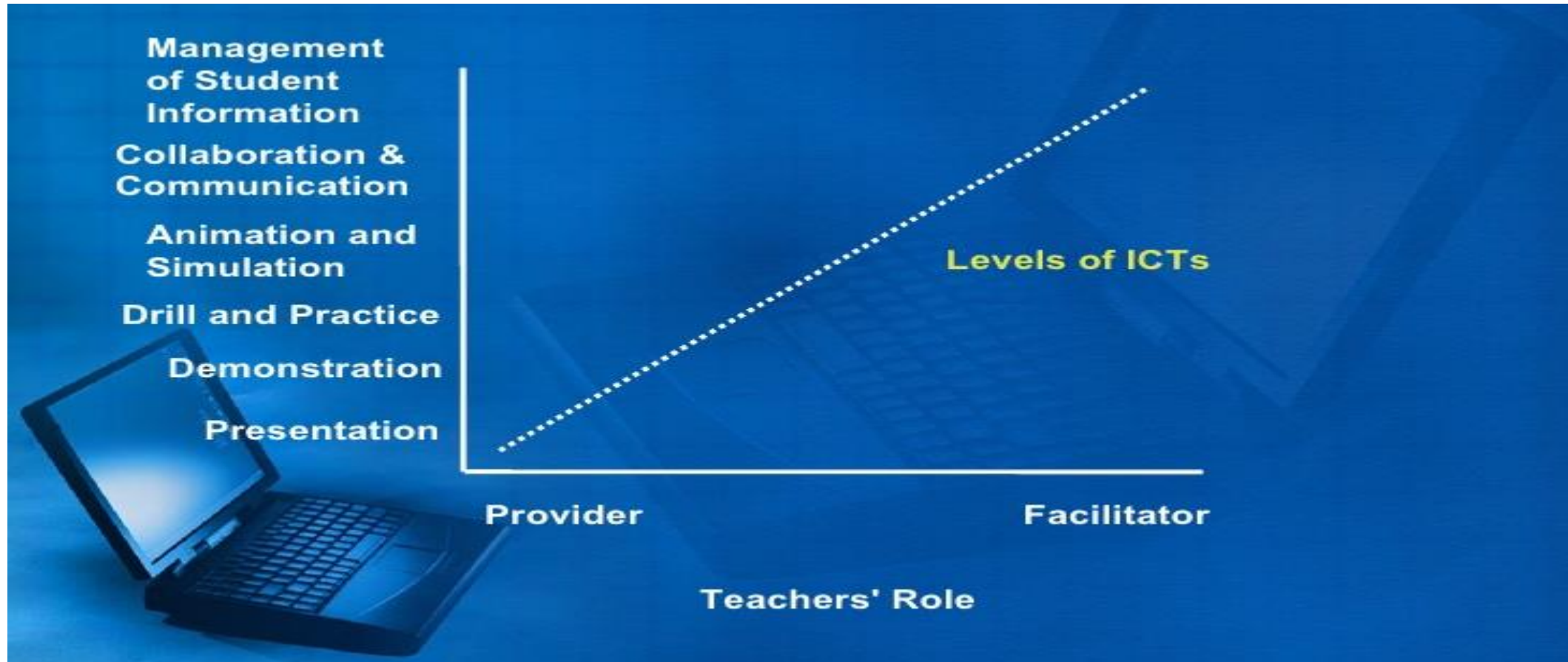
Information and Communication Technology (ICT) in Education



By James E. Robison



Role of a Teacher: Provider → Facilitator



How do you develop good classroom management while teaching through technology?

Be prepared

Start positive

**Follow a schedule
and routine**

**Set goals and
expectations that
are high, yet
realistic**

Teach

**Model the
behaviour you
expect**

**Keep the classroom
orderly, attractive,
clean**

**Accentuate
(Emphasize) the
positive and ignore
the minor incidents**

Role of a Teacher as a facilitator with technology enabled e-learning

- Should be able to teach with newer approaches in education – Flipped Classroom approach
- Should be able to classify the curriculum on to face – face mode teaching and on-line teaching mode
- Should be able to handle the Edu tech tools
 - Like – Google class room, easy class, book creator etc.....
- Should be able to handle the Internet for referring the new methods of teaching and learning.
- Lastly should be techno savvy, ready to update knowledge



The Guardian

How should a teacher be???

A teacher should be a person with **no set boundaries** in the mind so that any situation can 'just be made to fit in'.

A teacher should enjoy being **creative**, even if some of the ideas create more work than necessary,

A teacher should enjoy a new idea and want to incorporate it – again, **the open mind**.

A **sense of humour** is important.

There is **fun in every activity** – fun is an easier way to get across any kind of learning.

Fun is an offshoot of **imagination**. Teachers, especially pre-school teachers, need to enjoy imagined worlds, and live them with the children.

To want to be a pre-school teacher, a person needs to feel **warmth** towards the learner.

Cont...

To be an **effective** teacher, a person needs to elicit respect – the respect that comes along with friendship, not dictatorship.

A teacher should be **approachable**. As a point earlier said, ‘if you want to be a critic, find another job’. A major job in the classroom is to know what the problems are – so the doorways have to be left open.

It is important to talk ‘to’ a child and not ‘at’ a child. Teach so that you are at the level of the learner, and you can remember how it was to be that age.

A teacher, as well as **wanting** to teach, should want to learn alongside.

Communicate !! Communicate !!

Being expressive creates an infectious energy and synergy – expressive teachers are wonderful, and being ‘expressive’ can be learnt.

As a teacher I



An activity...

I hear and I forget;
I see and I remember;
I do and I understand.



(Confucius
circa 450BC)

Differently Learning

1

Referring to the earlier slide...

Should be able to teach with newer approaches in education – Flipped Classroom approach

Flipped Classroom approach???

What is Flipped Classroom

It is all about **flipping** from traditional teaching approach

Home becomes lecture place while **class becomes activity, creation, problem solving place** OR classroom becomes a place where Homework is done!!

It is about making teaching more **student** centric than teacher centric

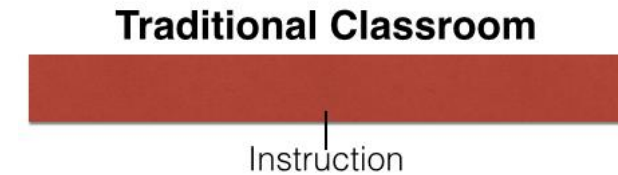
Flipped classroom will make students more active, participative while making teachers play a role of a guide



Traditional Versus Flipped

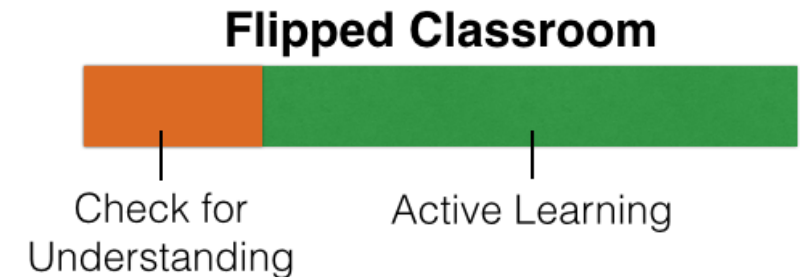
Traditional classroom

- Teaching what teacher thinks as priority
- Theory gets more focus
- Minimal use of attractive teaching content
- One way talk, only lecturing



⦿ Flipped classroom

- > Activity in the classroom
- > Theory at home through reading, video, audio
- > Discussion and problem solving in the classroom
- > Teacher as a guide



More about Flipped Classroom

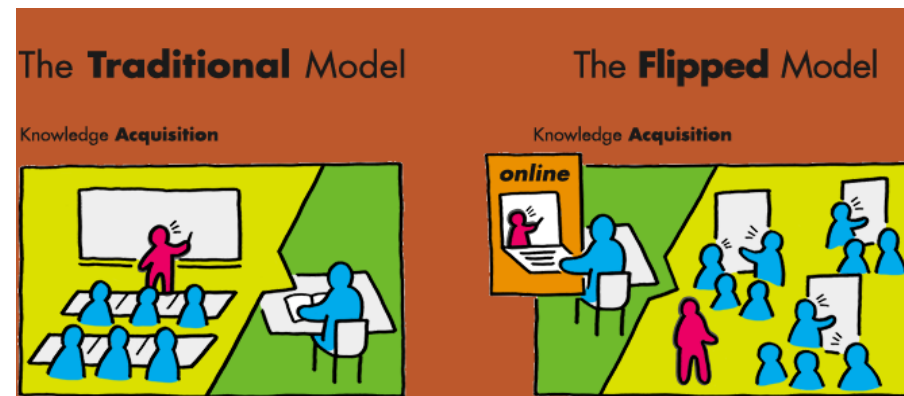
You get away from one-size fits all model

Activities on concept mastery and application of knowledge conducted in the class time

More collaboration among students

Achieve project based learning or activity based learning

Better results



Why is it relevant & popular today?



Students have access to more attractive technologies

Newer Educational Technology tools make flipped classroom implementation easier

Brings high order thinking skills in students, very useful for school to higher education students

Teacher's role in Flipped Classroom

1. You are an observer in the classroom guiding students when they need your help in activities
2. You are not a 'lecturer' but a facilitator who is using Technology enabled e-learning in the classroom
3. You become an innovator by coming up with various classroom activities for students
4. You get to group weaker students together to work separately on their learning
5. You become champion of activity-based or project based learning
6. You become a role model to your peers who are trying to flip their class



How to go about it???



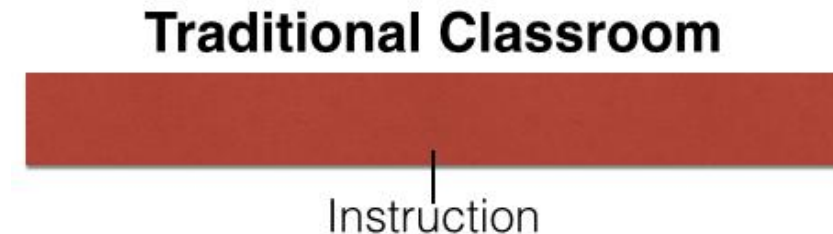
Some examples of Technology Enabled Learning – Flipped Classroom Approach

Lesson name: Parts of Plant, Std V

Lesson taught through face to face mode in a traditional school

Traditional classroom

- Teaching what teacher thinks as priority
- Theory gets more focus
- Minimal use of attractive teaching content
- One way talk, only lecturing



Same lesson taught through **Technology Enabled Learning – Flipped Classroom Approach**

Parts of Plant – through recorded classes, which the students view at home (use of technology by teachers)

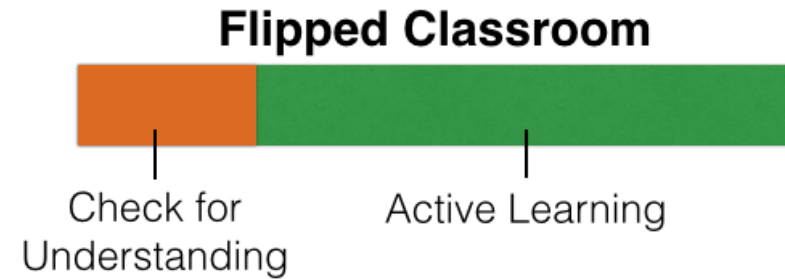
In class activity –

Questions are asked to students like

- **Which are different parts of the plants?**
- **What is the colour of leaves, flowers etc.**
- **Why are the colours of leaves green and flowers more colourful?**
- **Why are roots more fibrous than the stems?**

◎ Flipped classroom

- Activity in the classroom
- Theory at home through reading, video, audio
- Discussion and problem solving in the classroom
- Teacher as a guide



In class activity –

Questions are asked to students like

- Which are different parts of the plants?
- What is the colour of leaves, flowers etc.
- Why are the colours of leaves green and flowers more colourful?
- Why are roots more fibrous than the stems?

Suggest some more examples.

Make a plan of teaching at least one lesson through the **Technology Enabled Learning – Flipped Classroom Approach**

Same lesson taught through **Technology Enabled Learning – Flipped Classroom Approach**

Grammar lesson: student views recorded lesson of teacher about the concepts of parts of a sentence OR reads the notes online (use of technology by teachers)

In class activity –

Questions / discussions like

- What is noun, verb, adverb etc.
- What's the reason behind it?
- Formulate some sentences with noun and verb.

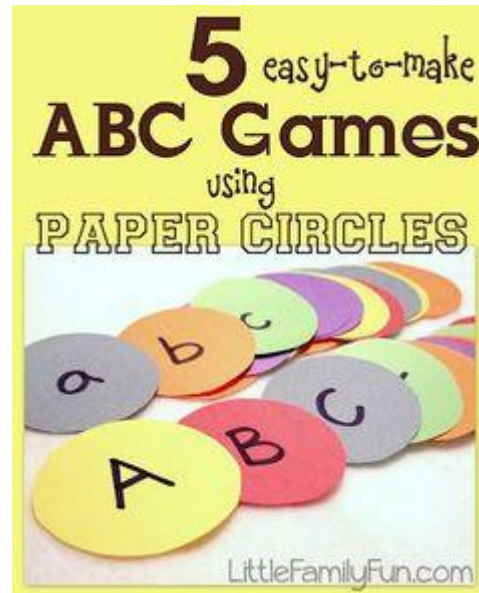
Check for
Understanding

Active Learning

**Technology Enabled Learning – Flipped
Classroom Approach**



Some more examples



It takes a big
heart
to help shape
little
minds.



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More reading

1. Flippedclassroom.org
2. Infographic by Peter Pappas <http://tinyurl.com/helsau5>
3. **Video on Flipped Classroom by Jackie Gerstein** <http://tinyurl.com/ztkpza5>
4. **8 Step Guide To Flipped Classroom by Fishtree** <http://tinyurl.com/hxayfoq>





