**INNOVATIVE TECHNOLOGY OF TEACHING BASED ON 10 STEPS (10Cs):**

1. **CONVEY INFORMATION:**

Teachers **convey** information to the children according to the Daily Plan, which is new to the children.

1. **COLLECT DATA:**

Children **collect** some data from this new information which is stored in their short-term memory.

1. **CONSTURCTING KNOWLEDGE:**

Teachers explain the lesson with the help of various stories which help the children **constructing knowledge** about it in their minds.

1. **CONCEPTUALIZATION:**

With the help of multimedia, it clears the **concept** of the children.

1. **CRITICAL THINKING:**

Multimedia is used to engage classmates in activities that highlight **critical thinking** skills in children.

1. **COPYIN THE METHOD:**

By **copying** **the method** shown on the screen, the children solve the assigned tasks on their own.

1. **CONNECTING KNOWLEDGE:**

Here child **connect knowledge** received through teacher, digital source and worksheets.

1. **CREATIVE AND INNOVATIVE:**

The **Creative and Innovative Skills** are developed in the child with the help of Hand on Activities associated with this lesson.

1. **CONTRIBUTE CRITICALLY:**

**Contributes critically** to the best activity of all children, converting all information from short-term memory to long-term memory.

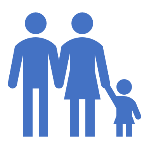
1. **CONFIDENCE:**

This method enables the child to do homework with full **confidence**.

**TRADITIONAL STYLE Vs ITOT STYLE**

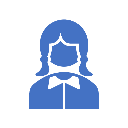
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| --- | --- |
| TRADATIONAL CARRICULUM  (Old Stereotyped Education System) | ITOT CARRICULUM  (21st Century Syllabus) |
| Heavy Bags | Bag free system |
| Teachers just pass on received information. (Delivery System). | Teachers stimulate, provoke and engage.  (ITOT System) |
| Teacher Writes on Notebooks/ Diaries | Printed Worksheets |
| Teacher provides all information | Students learn by handling objects and teaching themselves |
| Teacher correct errors | Self -correcting |
| Teacher-motivated | Motivated by child’s self-development |
| Learn because they are told to | Learn for joy of learning and curiosity of discovery |
| Teacher sets student’s pace | Student sets own pace |
| Seek help from teacher | Encourage to help one another |
| Teacher center | Student centered learning environment |
| Teacher guide students | Students free to discover by his/her own |
| Emphasize on abstract | Emphasize on concrete |
| Teacher sets timetable | Student chooses by choice |
| Left thinking | Integrated thinking |
| Facts hard to find | Facts at finger tips |
| Knowing facts is important | Creating is important |
| Facts learning | Reasoning |
| Cramming | Hands-on |

**EFECTS OF ITOT**

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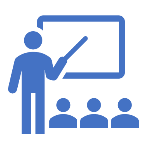
**ON PARENTS**

* Parents have confidence that their children get the best primary education.
* Parents have a monthly target plan that keeps them informed about what the school is teaching our child.
* Seeing the child's creative ability growth, parents do not decide to drop out of school under any circumstances, nor do they think of changing schools.
* Other educational materials help the child play at home as well as during school lessons.
* It will be very easy for the child to do the homework. Without tuition, the parents can get the child to do the homework under their supervision.

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**ON CHILDREN**

* Without heavy bags, the child gets rid of mental and physical stress.
* Repetition of lessons converts short term memory into long term memory.
* Physical activities increase children's attachment to education and children learn happily.
* Personalized learning able the child to work independently.
* Multimedia clears the whole concept of the child.

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**TEACHERS**

* Multimedia education is easy to deliver syllabus to entire class and clear all related concepts.
* Systematic training of teachers greatly enhances the quality of education.
* Teachers can easily identify the learning gaps in children that’s why slow learners can be given attention.
* Able to control over the teaching learning process and to love their profession.
* Teachers' time is wasted in writing classwork, homework and diary of students, printed worksheets save this valuable time.

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**ON SCHOOL**

* It becomes much easier for the school to control the teaching-learning process.
* Able to attract more affluent parents resulting in more revenue.
* A child attending school becomes a mobile advertisement for school because of his/her ability, attitude, ethics and life style.
* The number admissions in school will increase exponentially.
* The school meets all the modern needs of the 21st century.