

WRITE UP FOR THE ENTRY SUBMISSION FOR 'BEST TEACHING PRACTICES CONFERENCE' (DEC 2007)

The teacher today needs to evolve each day keeping in touch with the latest technology, researches in her subject, extra knowledge related to the topic, teaching methodology and the most important being the need to explore the best means to imbibe the knowledge into the children in the most effective manner.

Effectiveness implies the extent to which the student learns how to learn himself. We need to integrate the technology in a manner that **CHILD PSYCHOLOGIST 'Maria Montessori's** guidelines come alive. The student should be trained by us to be able to teach himself throughout his life. This can happen only when we bring the lesson alive in the classroom and there is joy in the child's heart while he's learning. Here we teachers become facilitators and not just teachers as was the case a few years ago.

Being a teacher at **D.P.S. East of Kailash** (which is a junior school with classes Nur to class V) has given me the opportunity to **teach all classes and all subjects** during my teaching career.

I **aim** at using the best, latest and the most effective method of teaching concentrating on **reaching out to all kinds of learners**----i.e. auditory learners, visual learners and kinesthetic learners. All this is done by using technology to its best.

I would be presenting before you **'USE OF TECHNOLOGY IN TEACHING SCIENCE'** in primary classes.

My presentation would include the following:-

1 CHILD FRIENDLY WORKING MODELS/TOYS Eg teeth, life cycle related material.

2 TRANSPARANCIES USING OVER HEAD PROJECTOR

3 POWER POINT PRESENTATION WITH THE FOLLOWING:-

- **SONGS, POEMS, RAPS ETC. WITH SOUND AND MUSIC RELATED TO THE TOPIC.**
- **CONCEPTS TAUGHT THROUGH AUDIO VISUAL AIDS AND TEACHER'S SOUND**
- **ANIMATIONS AND CLIPARTS E.G. MATTER-INTER MOLECULAR SPACE ETC.**
- **VIDEO CLIPS FROM INTERNET AND CDS E.G. TOOTH DECAY, FEELING OF WEIGHTLESSNESS, DIGESTIVE SYSTEM, AQUATIC ANIMAL ETC. HATCHING OF EGG, MOVEMENT OF THE CATERPILLAR, OPENING OF THE PUPA ETC.**
- **CHARTS TO SHOW COMPARISON**
- **ATTRACTIVE COLOUR COMBINATION FOR THE SLIDES**
- **HYPERLINKS WITH THE INTERNET FOR GAMES AND VIDEOS**
- **HYPERLINKS TO THE DOCUMENT THAT IS AS PER THE REQUIREMENT E.G. STORY OF A RAIN DROP**
- **QUIZZES, TRUE/FALSE OR E.G. JUMBLE TIME, COMPLETE THE CHART BY CLICKING TO SHOW THE WATER CYCLE**
- **SCANNING OF REQUIRED MATERIAL FROM ENCYCLOPEDIA**
- **GAMES RELATED TO THE TOPIC E.G. BUTTERFLY PUZZLE**
- **CRAFT INSTRUCTIONS RELATED TO THE TOPIC E.G. LIFE CYCLE OF THE BUTTERFLY**

- **JOKES /RIDDLES RELATED TO THE TOPIC**
- **ORIGINAL VOICE OF THE PRESIDENT OF U.S., NEIL ARMSTRONG, ORIGINAL FOOT PRINT OF THE FIRST ASTRONAUT ON THE MOON ETC.**
- **TYPES OF CLOUDS IN THE STORY FORM**
- **DEMONSTRATION OF ANY EXPERIMENT TOO IS DONE THROUGH TECHNOLOGY WITH MY VOICE RECORDING**

All these are child friendly techniques designed and modified as per the requirement of the students and the topic. These definitely positively impacted the results as they evoked great response from the students and the parents (as in our school we have 'class sit in parents' who observe and participate in the whole teaching and learning process of their respective wards).

THE KINDLING OF THE LAMP OF CURIOSITY IN THE CHILDREN IS LIKE SOWING THE SEED FOR LEARNING SCIENCE.

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