ED-METRIX
Enabling meaningful education

Envision – Enable - Enhance

Programme on
Systems Thinking (Non-linear thinking) for experienced teachers & BEd Students
(A critical competency for modern teachers)

Why Systems thinking (Non-linear thinking)

Teachers face unprecedented pressure of school management, parental pressure and student variability while fulfilling their teaching role. The linear methods of teaching have been useful in helping teachers teach students' subjects like English, Mathematics or History. Students who learn these subjects and can re-produce well in the exams, score well in exams.

But these linear methods have not been useful in helping teachers address the 'unique learning' styles of students. Neither are they effective for teachers in negotiating the growing pressure of educators and parents and 'teach' in a short time-window. Nor are they effective in enabling students face real-life issues and challenges.

We offer non-linear thinking tool set to help teachers remain 'teachers' despite all the constraints. Non-linear thinking is also called as systems thinking, because it utilises all the 'systems' of a student to facilitate 'learning'. Systems thinking, a 21st century discipline of non-linear thinking, is a powerful tool that can help teachers 'educate' their students using the available context of students, learning style of students, as well as school situations and non-school situations to facilitate learning, and avoid downloading.

Non-linear thinking is innate in all of us. Every teacher uses it unconsciously; few may use it more than others. A conscious learning of the tool set of non-linear thinking will help teachers understand the 'school' system and leverage it effectively to make 'learning' happen.

Objectives of the Programme

In this 8 part program, each consisting of 4 hours, experienced teachers as well as teachers entering the profession will:

1. Understand the teacher's bigger role in the modern world and competencies required to deliver them
2. Understand the systemic challenges involved in 'learning'
3. Understand different styles of learners and intelligences to utilise them in 'teaching'
4. Learn how mental models prevent 'learning'
5. Understand and appreciate how the 'structure' of the different systems a student engages in and therefore EXPLOIT it to deepen learning
6. Help student's learn through use of group interaction
7. Learn and utilise 'systems-oriented' methods and tools to address different situations such as bullying, teasing, discipline, homework, and TV usage.

The program will be conducted as an interactive workshop so that participants learn by 'doing' and 'solving' cases. The program also involves using real-life projects to deepen learning

The participant size of a group is therefore limited to 40.

Tool set of non-linear thinking

Drawing on the seminal works of Karl Weick, Peter Checkland, John Sterman, Peter Senge, Russell Ackoff, William Isaacs, and Chris Argyris, among others, we have developed a collage of tools containing systems thinking, mental models, group processes, role mapping and system dynamics.

Benefits

Teachers will be able to

- Use the student's different systems to help them 'educate'
- Work smartly with educators, administrators and parents.
- Develop their students in a more 'wholistic' manner
- Offer 'learning' within the constraints of time

Resource Faculty

The two key faculty members are

Sanjiv Bhamre, 47, is a management consultant, practicing systems thinking for over 15 years. His vast experience in applying systems thinking in a wide range of contexts of 'learning' is very useful in ensuring that the tool set of non-linear thinking is imparted effectively.

Aneesh Hole, 38, is a OD practitioner. His work involves uncovering the operating principles of mental models, dialogue, soft skills and then transfusing them into the practical domain of leadership problem solving.

We shall bring in different specialised experts to take on different parts of subjects, as and when required.

Kannan Jojode, 36, is a technology consultant who specialises in bringing technology to the schools and students for the benefit of 'learning'.

About Edmetrix-Astonica Systems

Edmetrix & Astonica Career systems have joined hands to offer the career-planning tools for students.

'Enlight' career framework, worlds' first framework for career building, has been developed by Astonica Career systems. Edmetrix, the premier institution in education, has brought in Astonica to apply this career framework for a student's life so that student can be guided to develop holistically and prepared to face the real-life challenges.

Astonica Career Systems
http://mycareermylife.com

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http://edmetrix.com email : training@edmetrix.com