



Why "TEACHER SHEETS"?

Research clearly suggests that the role of teachers and the teaching-learning process is central in ensuring that students learn with understanding. This in turn is strongly influenced by teachers' understanding how children learn and the misconceptions in their minds.

Sometimes prior knowledge can stand in the way of learning something new. Students must learn how to solve internal inconsistencies and restructure existing conceptions when necessary.

Reference: Carretero & Voss, 1994; Driver, Guesne & Tiberghien, 1985; Schnotz, Vosniadou & Carretero, 1999; Voniadou & Brewer, 1992

Teachers need to be aware that students have prior beliefs and incomplete understandings that can conflict with what is being taught at school. Teachers need to build on the existing ideas of students and slowly lead them to more mature understandings. Ignoring prior beliefs can lead to the formation of misconceptions. Analysis of ASSET data and Student Misconception Interview have given us at EI amazing and very interesting insights about how students are thinking and learning. The teacher sheets are our way of sharing these learnings with schools and teachers .

Guiding Principles for the "TEACHER SHEETS"

1. Full Year Program rather than once in a year interaction
2. Applicable and implementable suggestions rather than theoretical constructs
3. Suggestions that can give immediate feedback to the teachers short gestation period of knowing whether one is on the right track.

Practical Details

Every participating school that registers in advance with a minimum of 400 students will be eligible for "TEACHER SHEETS" except when other benefits like laptops are chosen. One sheet per class-subject combination will be provided to the school

Class 3 to 9 (seven classes) * 3 subjects = 21 class subject combinations
 If 1 sheet per month = 21 class-subject "Teacher Sheets" per month
 Whole year (10 months) = 210 class-subject "Teacher Sheets" per school

The Sheets will be despatched at the beginning of every month and teachers are encouraged to send back feedback once they have tried the suggestions in the sheets. These suggestions will be compiled and added to subsequent versions so that best practices can also get captured.

Five sample Teacher Sheets have been attached.