Appendix A’

Guide Lines for the Teacher

Managing the Classroom through Constructivist Paradigm

1. Teacher should change his role from telling and describing to listening and asking question to the students.

2. Teacher should conduct the class in the three steps: i) Task introduction through different exposures/different questioning considering children’s prior knowledge ii) Let the students explore within the group iii) Summarising the lesson through reflection.

3. Teacher should provide necessary and sufficient materials so that each student has his own material to work with.

4. Teacher should give students opportunities to think, work and discuss independently or within the group.

5. Teacher should not deliver the clue, right away. Teacher should wait till the expected results arrive. So, one teaching episode may be continued for several days (usually 5 days) of teaching.

6. Teacher should be aware of whether every individual gets chance to talk within the group.

7. Teacher should give responsibilities to the students, respect their answers and encourage them to justify their reasons.

8. Teachers should encourage students “Quiters never win and winners never quit”.

9. Teachers should encourage the students that men learn through mistakes.

10. Students should change their role from listening and questioning to telling and describing. For this they must develop the following characteristics:
    - Interest in finding solutions;
    - Confidence to try various strategies/alternatives;
    - Willingness to risk being wrong at times;
    - Ability to accept frustrations that come for not knowing; and
    - Willingness to persevere when solutions are not immediately found.