

5. Minority students had higher learning retention in the TAL mode than in F to Fmode.
 6. General students had higher learning retention in the TAL mode than in F to Fmode.
 7. Urban students performed better in the TAL mode than in F to Fmode.
 8. Rural students also performed better in the TAL mode than in F to Fmode.
 9. Both Male and Female students had higher learning retention in the TAL mode than in F to Fmode.
 10. The students are very satisfied with the TAL mode of learning that F to Fmode.
7. The learner was able to study the content for any number of times till he / she understood it well.
 8. The TAL package could have helped the learners for self•pace and self•control learning of the subject.
 9. It provided one to one interaction in teaching learning process through reading, writing, listening, and speaking skills. It provides colorful figures, graphics, 3•D text, animation and also sound which make learning process interesting.

EDUCATIONAL IMPLICATIONS OF THE STUDY

It was found that while learning retention improved in both the modes, the TAL mode has more positive effect than F to F mode for both the topics. Therefore, the education system needs to look at the following factors discussed below:

DISCUSSION

1. The students are very satisfied with the TAL mode of learning. This could be due to the following reasons:
 2. TAL package prepared by the researcher had the facilities to present the text along with colorful graphics which helped the learners in understanding different concepts together.
 3. TAL was capable of providing remedial coaching when learners particularly do not have the clarity of basic concepts.
 4. TAL had provided three dimensional effects in colorful graphics which could have sustained interest and may have developed curiosity among the students.
 5. The TAL package included an audio commentary for guidance and motivation. The student learnt the contents by reading the text material and observing the graphic information which was displayed in sequence. The students may have found it very interesting.
 6. Feedback on response was provided by TALP immediately. When the learners gave correct responses.
1. The teaching environment needs teachers who will focus more on effective learning strategies. That may involve student centered learning activities such as assignments, skill developments projects, audio•visual based study work etc.
 2. The teacher should set achievable targets for the improvements in the students with the help of formative and summative learning and assessment methods as well.
 3. Responding to student's queries as soon as possible will result in better improvement. So teacher should try to pay immediate attention to the queries raised by the students.
 4. The involvement of students may be considered for setting their learning targets. The students should be

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