

Merits and Demerits of Laboratory
Method Of Teaching Mathematics
प्रयोगशाला विधि के गुण तथा
दोष

pedagogy of mathematics
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MERITS OF LABORATORY METHOD

प्रयोगशाला विधि के गुण

- The method is based on the principle of learning by doing.
- This method is psychological as we proceed from known to unknown.
- It is based on the student's self pacing.
- It helps in making clear certain fundamental concepts, ideas etc.
- It develops the self-confidence and teaches the students the dignity of labour.
- The children learn the use of different equipments, which are used in laboratory.

- It develops in the child a habit of scientific, enquiry and investigation.
- This method presents mathematics as a practical subject.
- It stimulates the interest of the students to work with concrete material.
- It provides opportunities for social interaction and co-operation among the students.
- It is child-centred and therefore it is a psychological method.
- It helps the students to actively participate in the learning process and therefore the learning becomes more meaningful and interesting.

DEMERITS OF LABORATORY METHOD

प्रयोगशाला विधि के दोष

- This method can be used for a small class only.
- It requires a lot of planning and organization.
- This method is suitable only for certain topics.
- This method it is not possible to make progress quickly.
- This method requires laboratory equipped with different apparatus.

- All mathematics teachers cannot use this method effectively.
- It is an expensive method. All schools are not able to adopt this method.
- This method has very little of theoretical part in it.

Conclusion निष्कर्ष

In conclusion we can say that this method is suitable for teaching mathematics to lower classes as at this stage teaching is done with the help of concrete things and examples.
