

80_Recommendation

- Curriculum planners should map the entire curriculum in all the discipline on the basis of Inquiry-Based Instruction Method to prepare students for lifelong learning.
- Regular seminars, trainings, workshops for principals, teachers and students should be arranged on Inquiry-Based Instruction method for it greater awareness and promotion.
- Head of the institutions should motivate teachers to conduct action research projects for the different dimensions of Inquiry-Based Instruction method.
- Teachers can practice Inquiry-Based Instruction method for better academic results and for achieving short as well as long term educational goals.
- As this method will enhance Achievement in Science, Science Process Skills , Attitude towards Science and Metacognitive Awareness of the students, teachers can plan to give different activities based on the content using Inquiry-Based Instruction method.
- The teachers of all disciplines can apply Inquiry-Based Instruction method to teach their subject.
- By using IBI Method, teachers can help students to meet future challenges in learning by developing inquiry skills , develop the habits like thinking divergently, observing and exploring the nature and surroundings
- Students can make use of Inquiry-Based Instruction to develop their discovery skills, which can help them to hypothesize and find solutions to different problems both in academics and in their life.
- Parents can provide an Inquiry-Based environment in their home to motivate their wards to be engaged in the experience oriented Inquiry-Based Instruction.

**Effectiveness of Inquiry Based Instruction on Science Process Skills,
Achievement in Science and Metacognition of
Higher Secondary School Students**

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