



# Teaching Science Through Inquiry Based Instruction Pdf

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Using a learning cycle approach in the classroom helps to facilitate inquiry practices because learning cycles focus on constructivist principles and emphasize the explanation and . Inquiry-based instruction is an important science teaching strategy that involves supporting students in investigating questions and using data as evidence to answer these questions . Inquiry-based teaching is much more desirable and effective in teaching science subjects because it follows more closely the scientific method of experimentation. This paper aims to . Inquiry-based instruction is an important science teaching strategy that involves supporting students in investigating questions and using data as evidence to answer these questions (e.g., Crawford ). One part of this program was to learn different ways to teach science, with one aspect focusing on inquiry instruction. Data sources included three open-ended surveys and two semi-structured interviews. Inquiry-based teaching is much more desirable and effective in teaching science subjects because it follows more closely the scientific method of experimentation. This paper aims to explore the potentials of assimilating inquiry-based teaching into the current conventional method.