

# Inquiry-Based Learning

## Understanding Inquiry-Based Learning

### What is Inquiry-Based Learning?

Inquiry-Based Learning is an approach where students learn by **asking questions, exploring ideas, and discovering answers** through guided investigation. Instead of simply receiving information, students actively engage in the learning process by thinking critically and seeking understanding.

At Krimson International School, this method encourages students to become **curious thinkers and independent learners**, fostering a natural love for learning.

### Why Inquiry-Based Learning Matters

Children are naturally curious. Inquiry-Based Learning builds on this curiosity and helps students:

- Develop a deeper understanding of concepts
- Ask meaningful questions and explore possibilities
- Think critically rather than memorising information
- Become active participants in their learning journey
- Build confidence in expressing ideas and opinions

It shifts the classroom dynamic from:

➡ *“Teacher gives answers”* → *“Students discover answers”*

### Key Features of Inquiry-Based Learning

#### ◆ Question-Driven Learning

Lessons begin with questions that spark curiosity and thinking.

#### ◆ Exploration and Investigation

Students explore concepts through research, discussion, and activities.

#### ◆ Student Participation

Learners actively engage in discussions, experiments, and problem-solving.

#### ◆ Guided Facilitation

Teachers guide the process, helping students think deeper and stay on track.

### ◆ Reflection and Understanding

Students reflect on what they have learned and how they arrived at their conclusions.

## How It Looks in the Classroom

In an Inquiry-Based classroom:

- Teachers pose questions like:
  - “*Why does this happen?*”
  - “*What do you think will happen next?*”
- Students discuss ideas, share opinions, and test their thinking
- Activities encourage exploration rather than fixed answers
- Learning becomes interactive and thought-provoking

For example:

- In science, students predict outcomes before conducting experiments
- In language, students interpret stories and express viewpoints
- In social studies, students explore real-world issues and perspectives

This approach builds **deep understanding and curiosity-driven learning**.

## Implementation & Outcomes

### Our Approach at Krimson

At Krimson International School, Inquiry-Based Learning is carefully integrated to ensure that curiosity is guided by structure.

We ensure that:

- Questions are meaningful and aligned with learning objectives
- Students are supported throughout their exploration
- Discussions are respectful and inclusive
- Learning leads to clear understanding and outcomes

Teachers act as facilitators who:

- Encourage questioning
- Guide discussions
- Help students connect ideas

## Examples Across Subjects

### ◆ Mathematics

- Exploring multiple ways to solve a problem
- Asking “why” behind methods and solutions

### ◆ Science

- Predicting, experimenting, and drawing conclusions
- Investigating natural phenomena through observation

### ◆ Language

- Interpreting texts and expressing personal viewpoints
- Engaging in discussions and debates

### ◆ Social Studies / EVS

- Exploring real-world topics and asking critical questions
- Understanding different perspectives through discussion

## Skills Developed Through Inquiry-Based Learning

This approach nurtures essential lifelong skills:

- ✓ Critical thinking and analysis
- ✓ Curiosity and questioning ability
- ✓ Problem-solving skills
- ✓ Communication and expression
- ✓ Confidence in sharing ideas
- ✓ Independent learning

## Assessment in Inquiry-Based Learning

Assessment focuses on both the **learning process and outcomes**, including:

- Participation in discussions
- Quality of questions and ideas
- Ability to explain reasoning
- Reflection on learning experiences

This ensures students are evaluated not just on answers, but on **how they think and learn**.

## **The Krimson Advantage**

At Krimson, Inquiry-Based Learning creates an environment where:

- Curiosity is encouraged and celebrated
- Students feel confident to ask and explore
- Learning becomes meaningful and engaging

We believe:

*The right questions lead to the deepest learning.*