

Detailed Module Components

Problem-Based Learning in the Science Classroom



- **What is Problem-Based Learning?**
- **Why do we need Problem-Based Learning?**
- **Video**
 - Discussion
- **What is a Problem?**
- **Characteristics of Problem-Based Learning**
- **Videos**
 - Discussions
- **Role of a teacher in the Traditional Model versus Problem-Based Learning**
- **How will it benefit students?**
- **Conclusion**
- **Note for teachers**
- **Quiz** based on the module



Santosh Kumar Sharma has been working in the field of education for the last 15 years. He has experience in constructive science pedagogy, activities/tasks for internal assessment, and creating active learning spaces in science laboratories. Santosh has worked with various developmental organisations of international and national repute. He has been involved in creating a need-based support system that introduced child-friendly pedagogic techniques, helping schools implement decentralised assessment techniques such as Internal Assessment, and conducting capacity building workshops for teachers and HMs to create cordial and inspirational classrooms for students in state funded schools. Currently he is interested in creating active learning spaces for pupils in schools by enhancing their engagement in classroom learning.