



DATE & DAY	: 10th JUNE, 2021 (THURSDAY)
ORGANISED BY	: COE,CBSE,NOIDA
THEME	: TEACHING STRATEGIES IN SCIENCE (SECONDARY LEVEL)
RESOURCE PERSON	: MR. GUNENDRA KUMAR MISHRA (EDUCATOR)
ATTENDED BY	: ANIL KUMAR TIWARI

Webinar report on topic” TEACHING STRATEGIES IN SCIENCE (SECONDARY LEVEL)” organised by CBSE Noida by resource person **MR. GUNENDRA KUMAR MISHRA (EDUCATOR)** focusses on following main points-

These innovative teaching methods in science can substitute the typical teaching techniques to achieve the goal.

- Hands on Learning
- Story Telling
- Role Play
- Sports Based Learning
- Visual clues
- Instructional ConversationS
- Science Text Cards
- Word Games

Effective Teaching Strategies to Help Your Students In School

- Visualization Of Information. Visualization is a great method to summarize or process information that has been taught in class
- Student-Led Classrooms
- Implementing Technology In the Classroom
- Differentiation
- Inquiry-Based Instruction

Some of the major "best" (desirable) practices for science teaching

- Establishing and maintaining classroom environments
- Using an empirical approach
- Regularly employ active learning strategies
- Employ inquiry labs
- Talk about the nature of science

Guideline for teaching science to grades 3-5 and achieving a positive learning experience.

- Utilize developing math skills and problem-solving
- Engage students by asking questions
- Build confidence through participation
- Move from concrete to abstract concepts
- Alleviate boredom through activity

Schools Week summarised the suggestions from the report

- Build on the ideas that pupils bring to lessons
- Help pupils direct their own learning
- Support pupils to retain and retrieve knowledge.
- Use practical work as part of a learning sequence.
- Develop scientific vocabulary
- Use structured feedback

An effective science lesson requires planning engaging activities, navigating tricky science concepts, anticipating and working with students' preconceptions and misconceptions, and making difficult decisions on the fly. Good teaching is an art-one performed by those with specialized knowledge and skills.

Really, it was totally knowledgeable session as it reflects the teaching strategies in science which will be helpful in teaching science to students.

Report presented by

ANIL KUMAR TIWARI