

Guideline for Online Workshop on “Competency Based Assessment: Designing & Creating Competency Based Test Items/Questions for Learning Outcomes (LOs)”

National Education Policy (NEP)-2020 has recommended introduction of Competency Based Assessment (CBA) for improving Learning Outcomes (LOs) of school education. Policy makers & affiliating body are pondering over introduction of CBA at each stage of School Education starting from Foundational Stage to Secondary Stage of School Education. CBSE as national affiliating body has taken & introduced several measures for guiding, facilitating and enabling affiliated schools to move towards Competency Based Assessment (CBA). For designing assessment framework for Competency Based Assessment (CBA) in India, CBA model of PISA (Programme for International Student Assessment) has been adapted by NCERT & CBSE. CBA Model of PISA is globally recognized model, CBSE along with some other agencies have adapted PISA's CBA model keeping in mind Indian Context.

Periodical reporting of findings of National Achievement Survey (NAS) conducted by NCERT and ASER prepared by PRATHAM consistently portraying alarming gaps in Learning Outcomes (LOs) at school level. For improving LOs at school level, many valuable measures are recommended in NEP-2020, Competency Based Assessment (CBA) is one of them. Programme for International Student Assessment (PISA) is globally recognized competency-based assessment (CBA), Indian government has also shown intentions towards participation in PISA. But reality at school level is totally different pertaining to approach of evaluating Learning Outcomes (LOs), it has been observed that present assessment and evaluation system of LOs is more skewed towards assessment of rote learning & memory-based knowledge whereas competency of students to apply acquired knowledge and skills in relevant contexts are being neglected. Adhering to recommendations of NEP-2020, CBSE has taken several measures for promoting Competency Based Assessment (CBA) at school level like: -

- Bringing out Handbooks on Scientific Literacy, Reading Literacy & Mathematical Literacy on the line of Programme for International Student Assessment (PISA) for affiliated schools
- Bringing out Handbook & Competency Based Assessment Framework for evaluating Competencies and associated LOs in Mathematics, Science and Language for classes 6th to 10th for guiding affiliating about introduction of CBA
- Adaptation & Bringing Out Resource Document for Teachers for guiding them for Achieving Subject-specific Learning Outcomes (LOs)

Keeping in mind several measures taken by CBSE for facilitating smooth transitions of affiliated schools towards Competency/Outcome Based Assessment (CBA), this online workshop has been designed with following set of objectives: -

- Understanding and decoding of CBSE Handbooks on Reading Literacy, Mathematical Literacy & Scientific Literacy vis-à-vis Competency Based Assessment
- Understanding & decoding of how Competency Based Test Items are designed in Programme for International Student Assessment (PISA) & National Achievement Survey (NAS) etc.
- Hands on activities for designing Competency Based Test Items modelling on PISA approach (Thinking Process, Context, Subject Domain & Demand of Tasks etc.) in School Subjects (English, Science & Mathematics)
- Acquiring knowledge & skills for creating Competency Based Test Items in English, Mathematics, & Science vis-à-vis CBSE Competency Based Assessment Framework etc.

This online workshop has been designed with following set of modules for enabling them to acquire knowledge & skills for creating Competency Based Test Items: -

Module	Description
<i>Module-1 & 2: Competency Based Assessment vis-à-vis CBSE Initiatives for Science Subject Teachers</i>	Module-1: Theoretical Understanding ○ Understanding CBSE initiatives for adopting PISA approach of Competency Based Assessment (CBA) vis-à-vis Science ○ Understanding CBSE initiatives for Competency Based Assessment (CBA) Framework for Science Subject for classes 6th to 10th Module-2: Hands on Activities for Creating Competency Based Test Items in Science ○ Creating Learning Ladder for Competency Based Test Items in Science Subject ○ Hands on Activities for Designing & Creating Competency Based Test Items for Science Subject



***Module-1&2: Competency Based Assessment
vis-à-vis CBSE Initiatives for Mathematics
Subject Teachers***

Module-1: Theoretical Understanding

- Understanding CBSE initiatives for adopting PISA approach of Competency Based Assessment (CBA) vis-à-vis Mathematics
- Understanding CBSE initiatives for Competency Based Assessment (CBA) Framework for Mathematics Subject for classes 6th to 10th

Module-2: Hands on Activities for Creating Competency Based Test Items in Mathematics

- Creating Learning Ladder for Competency Based Test Items in Mathematics Subject
- Hands on Activities for Designing & Creating Competency Based Test Items for Mathematics Subject

***Module-1&2: Competency Based Assessment
vis-à-vis CBSE Initiatives for Language
Subject Teachers (English)***

Module-1: Theoretical Understanding

- Understanding CBSE initiatives for adopting PISA approach of Competency Based Assessment (CBA) vis-à-vis Language
- Understanding CBSE initiatives for Competency Based Assessment (CBA) Framework for Language Subject for classes 6th to 10th

Module-2: Hands on Activities for Creating Competency Based Test Items in Language

- Creating Learning Ladder for Competency Based Test Items in Language Subject (English)
- Hands on Activities for Designing & Creating Competency Based Test Items for Language Subject (English)