## NATIONAL EDUCATION POLICY, 2020



# Implementing in CBSE Schools

## Vision of the Policy

- Develop an education system deeply rooted in Indian ethos which has the capability to provide high quality education to compete in the global world.
- The curriculum and pedagogy must develop a sense of respect towards Fundamental Duties and Constitution of India and have a deep bond with the country.
- Develop a sense of pride and respect for the country and be responsible for human rights, sustainable development, global well being thereby reflecting a truly global citizen.



## **Key Principles of NEP-2020**

- Respect for Diversity & Local Context In all curriculum, pedagogy, and policy.
- Equity & Inclusion As the corners tone of all educational decisions.
- **Community Participation**

Encouragementand facilitation for philanthropic, private and community participation.

Use of Technology

In teaching and learning, removing language barriers, for Divyang students, and ineducational planning and management.



Emphasize Conceptual Understanding Rather than rote learning and learning-for-exams

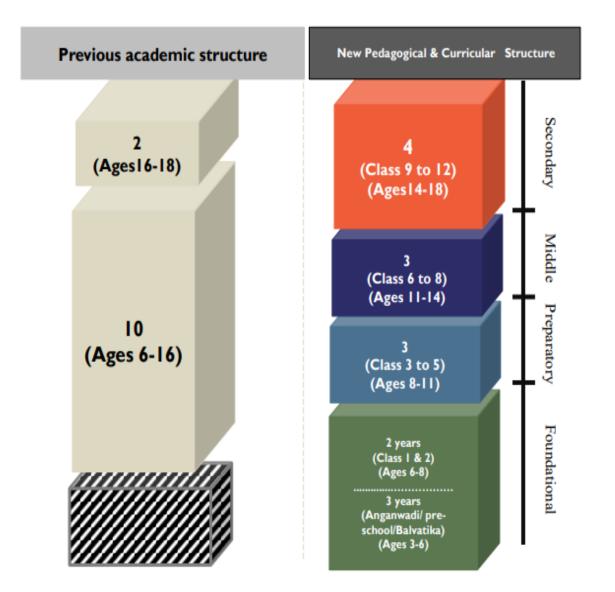
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Unique Capabilities Recognizing, identifying them in each student.

Critical thinking and Creativity To encourage logical decisionmaking and innovation

Continuous Review Based on sustained research and regularassessment by educational experts.

#### **Transforming Curricular & Pedagogical Structure**



New pedagogical and curricular structure of school education (5+3+3+4): 3 years in Anganwadi/preschool and 12 years in school

- Secondary Stage (4) Greater critical thinking, multidisciplinary study, flexibility and student choice of subjects
- Middle Stage (3) experiential learning in the sciences, mathematics, arts, social sciences, and humanities
- **Preparatory Stage (3)** play, discovery, and activity-based and interactive classroom learning
- Foundational stage (5) multilevel, play/activity-based learning

#### Shift to Competency-based Teaching, Learning & Assessment







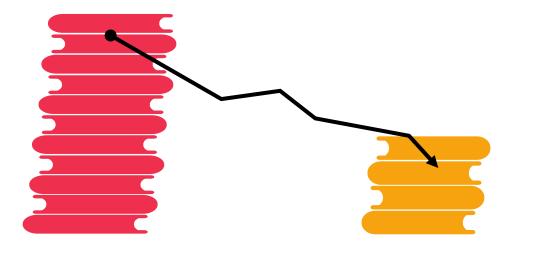


Promoting Critical and creative thinking aligned to the 21<sup>st</sup> century in classrooms Shifting traditional assessments to competency focused

Reducing curriculum to the core essentials to minimise rote-learning

Track student progress comprehensively and frequently Design tools and resources to acquire Learning outcomes

Promoting Sport-integrated & Art-Integrated Learning in Classroom for Holistic Development





## SALIENT FEATURES OF STAGES IN SCHOOL

#### **Foundational Stage**



- Play/activity-based learning
- Pedagogy of Early Childhood Care and Education
- Focus on good behaviour, courtesy, ethics, personal and 
   public hygiene/cleanliness
- Focus on teamwork and cooperation

#### **Preparatory Stage**



- Gradual transition from play-based learning to more formal classroom learning
- Interactive teaching-learning
- Introduction of subjects, including, physical education, art, languages, science, and mathematics
- Emphasis on reading, writing, speaking

Middle Stage



- Subject-oriented pedagogical and curricular methodology
- Subject teachers for learning/discussion of the more abstract concepts in each subject across the sciences, mathematics, arts, social sciences, and humanities

#### The High School (Secondary) Stage



- Four years of multidisciplinary study
- Greater depth, greater critical thinking, greater attention to life aspirations
- Greater flexibility and student choice
- Exposure to more subjects and enable greater flexibility
- More frequent assessment of modules

## Early Childhood Care and Education (ECCE) - The Foundation of Learning

#### Goals:

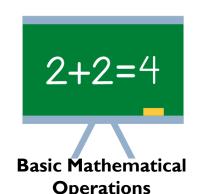
- Ensuring that all children entering grade 1 are school ready by 2030.
- Attain optimal outcome in the domain of physical and motor development, cognitive development, socio-emotional development, cultural/artistic development and the development of communication and early languages, literacy, and numeracy.
- ECCE curriculum and pedagogy development
- To prepare initial cadre of high quality ECE Teachers plan to introduce o6-month certificate program in ECE, o1-year diploma program covering early literacy, numeracy and other relevant aspects of ECE minimum qualification of teachers could be even 10+2 or above.
- Introduction of a preparatory class (before class 1) for children of age 05-years learning shall be based on play-based learning with a focus of developing -





**Read with Comprehension** 

Write





Learn basic life skills

## Attainment of Foundational Literacy And Numeracy by Grade 3 in Mission mode

Focus on early reading, writing

Early Learning

& mathematics

Book Promotion National Book Promotion Policy will be formulated and public and school libraries will be expanded 3-month Play based School 3-month play-based school preparation module' for all Grade 1 students

National Mission National Mission on Foundational Literacy and Numeracy

Foundational Skills Universal acquisition of foundational learning skills



National Repository National Repository -High quality Teaching and Learning Resources on DIKSHA

#### Libraries School libraries, including digital libraries to be leveraged

## Curtailing Dropout Rates and Ensuring Universal access to Education at all levels

# To bring children back to school and prevent children dropping out the following steps will be taken-

- Provide regular trained teachers at each stage, special care shall be taken to ensure that no school remains deficient on infrastructure support
- Universal participation in school by carefully tracking students, as well as their learning levels, in order to ensure that they (a) are enrolled in and attending school, and (b) have suitable opportunities to catch up and re-enter school in case they have fallen behind or dropped out
- Community partnership in terms of expertise and infrastructural support
- Scope of school education will be broadened to facilitate multiple pathways to learning involving both formal and non-formal education modes. Open and Distance Learning (ODL) Programmes offered by the National Institute of Open Schooling (NIOS) and State Open Schools will be expanded and strengthened

## HIGHLIGHTS OF PEDAGOGICAL STRUCTURE



#### Competency based education

Modules on preparing and implementing pedagogical plans based on competencyand outcome-based education for school leaders



#### Integration of subjects

Through arts integrated, sports integrated, ICT integrated and s torytelling based pedagogy among others as standard pedagogy



#### NO SILOS among subjects/learning

NOhard separation between:

- curricular/co-curricular/extra-curricular;
- academic/vocational;
- science/humanities;
- sports/art/academics



#### **Emphasison Digital literacy**

Emphas is on digital literacy, coding and computational thinking, ethical and moral reas oning



#### Development of scientific temper

Development of scientifictemperand inculcation of knowledge and practice of human and constitutional values such as patriotism, sacrifice, non-violence, truth, honesty, peace etc.



Promotion of multi-lingual teaching

Promoting states to enter into bilateral agreements with nearby states to hire language teachers

## Encouraging 21<sup>st</sup> century skills in the classroom



## Introduction of Contemporary Subjects

Artificial Intelligence	Holistic Health	Data Science
Organic Living	Design Thinking	Machine Learning

Year-long course during Grades 6-8



- Survey and hands-on experience of a sampling of important vocational crafts, such as carpentry, electric work, metal work, gardening, pottery making, etc.
- Decided by States and local communities and as mapped by local skilling needs

Mathematics and Computational Thinking



- Increased emphasis throughout the school years, starting with the foundational stage
- Use of a variety of innovative methods, including the regular use of puzzles and games that make mathematical thinking more enjoyable and engaging
- Introduction of activities involving coding in Middle Stage

## Emphasis on Vocational Education



- 10-day bag-less period during Grades 6-8 for students to intern with local vocational experts such as carpenters, gardeners, potters, artists, etc.
- Internship opportunities to learn vocational subjects throughout Grades 6-12.
- Vocational courses through online mode.
- Periodic exposure to activities outside school through like meeting local artists and craftsmen
- Vocational courses to be offered through Open and Distance Learning (ODL) mode
- By 2025, at least 50% of learners shall have exposure to vocational education



## Knowledge of India



- Knowledge from ancient India and its contributions to modern India and its successes and challenges,
- India's future aspirations with regard to education, health, environment, etc.
- Indian Knowledge Systems, including tribal knowledge and indigenous and traditional ways of learning and specific courses in tribal ethnomedicinal practices, forest management, traditional (organic) crop cultivation, natural farming, etc. will be made available.
- An engaging course on Indian Knowledge Systems in secondary school as an elective.
- Competitions in schools for learning various topics and subjects through fun and indigenous games.
- Video documentaries on inspirational luminaries of India (ancient and modern) in science curriculum.
- Students to visit different States as part of cultural exchange programmes
- Constitutional Values will be developed in students. Excerpts from the Indian Constitution will also be considered essential reading for all students.
- Knowledge of critical issues facing local communities, states, the country, and the world

## Health Education



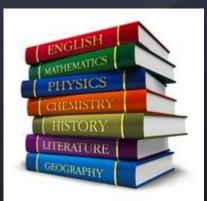
- Basic training in health, including preventive health
- Mental health and well-being
- Nutrition
- Personal and public hygiene and first-aid
- Detrimental and damaging effects of alcohol, tobacco, and other drugs

Leveraging the power of Multilingualism and Language learning



- Children whose primary language is not the language of instruction in school are more likely to drop out of school or fail in early grades
- Mother-tongue/Home language/local language as medium of instruction, wherever possible, until at least grade 5 (preferably till at least grade 8)
- 'The Languages of India' a fun project/activity in schools to familiarize with the diversity of languages in the country

National Curriculum Framework for School Education (NCFSE) and Text Books



- The formulation of a new and comprehensive National Curricular Framework for School Education, NCFSE 2020-21, will be undertaken by the NCERT - based on the principles of this National Education Policy 2020 and will be made available in all regional languages.
- All textbooks shall aim to contain the essential core material deemed important on a national level, but at the same time contain any desired nuances and supplementary material as per local contexts and needs.
- Where possible, schools and teachers will also have choices in the textbooks they employ from among a set of textbooks that contain the requisite national and local material.

## Transforming Assessment for Student Development

#### Aim of Assessment

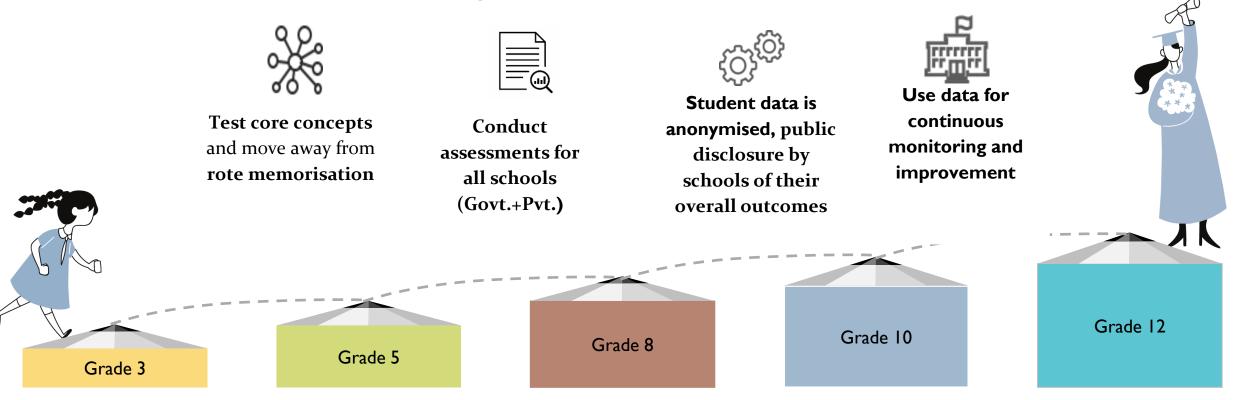
- Shift from rote memorisation skills to formative, is more competency assessment
- Promotes learning and development of students
- Tests higher-order skills, such as analysis, critical thinking, and conceptual clarity.
- Assessment for learning optimise learning and development for all students. This will be the underlying principle for assessment at all levels of education.



# Transforming assessments and tracking student progress across school years

All students will take school examinations in Grades 3, 5, and 8

#### Key features of the assessment



Achievement of basic learning outcomes, through assessment of core concepts and knowledge from the national and local curricula, along with relevant higher-order skills and application of knowledge in real-life situations, rather than rote memorization.

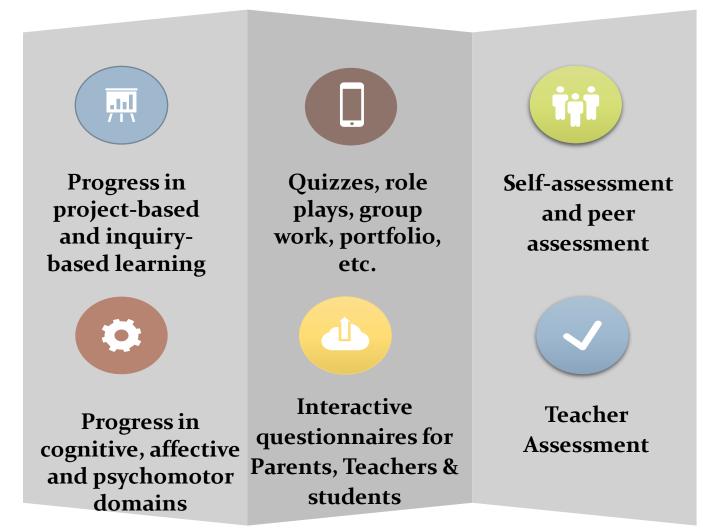
## Redesigning Report Cards to assess Holistic development of each child

#### 360 degrees Holistic Report Cards

The holistic progress card will form an important link between home and school and will be accompanied by parent-teacher meetings in order to actively involve parents in their children's holistic education and development

#### **Results of the School examinations**

- To be used only for developmental purposes of the school education
- For public disclosure by schools of their overall student outcomes
- Anonymized student outcomes
- For continuous monitoring and improvement of the schooling system



## **Regarding Guidelines for Assessment**

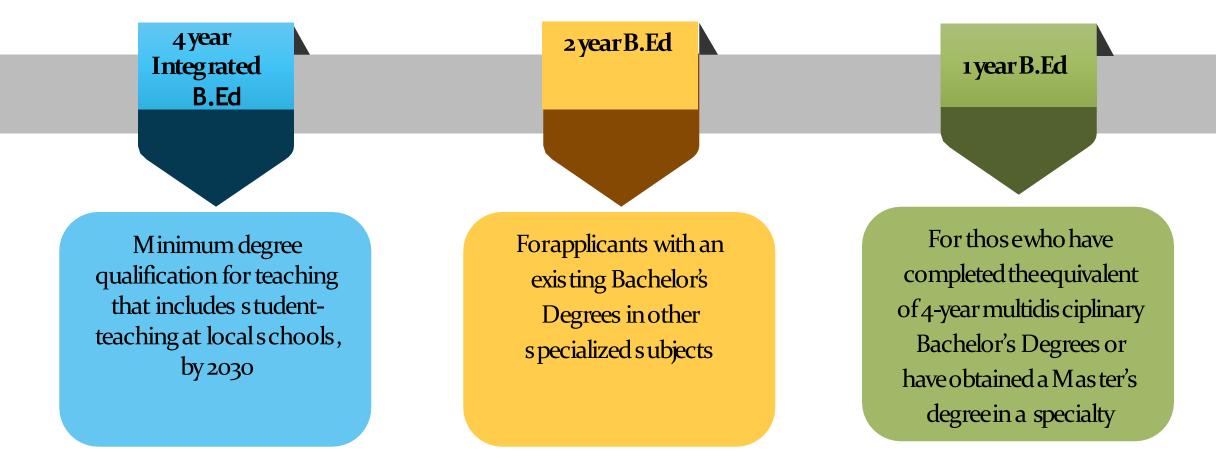
- Guidelines will be prepared by NCERT, in consultation with major stakeholders, such as Boards of Assessment (BoAs), National Assessment Centre for School Education (NACSE) etc.
- Transformation in the assessment system by 2022-23 academic session, to align with National Curriculum Framework for School Education (NCFSE) 2020-21

National Assessment Centre for School Education (NACSE)

This Centre will advise the school boards -

- regarding new assessment patterns and latest researches,
- for promoting collaborations between the school boards, and
- to become an instrument for sharing of best practices between school boards, etc.
- about shifting their assessment patterns towards meeting the skill requirements of the 21st century and in consonance with the stated objectives of this Policy

#### **Teachers and Teacher Education NEP-2020**



All B.Ed. programmes will include training in time-tested techniques in pedagogy, multi-level teaching and evaluation, teaching children with disabilities, teaching children with special interests or talents, use of educational technology, and learner-centered and collaborative learning

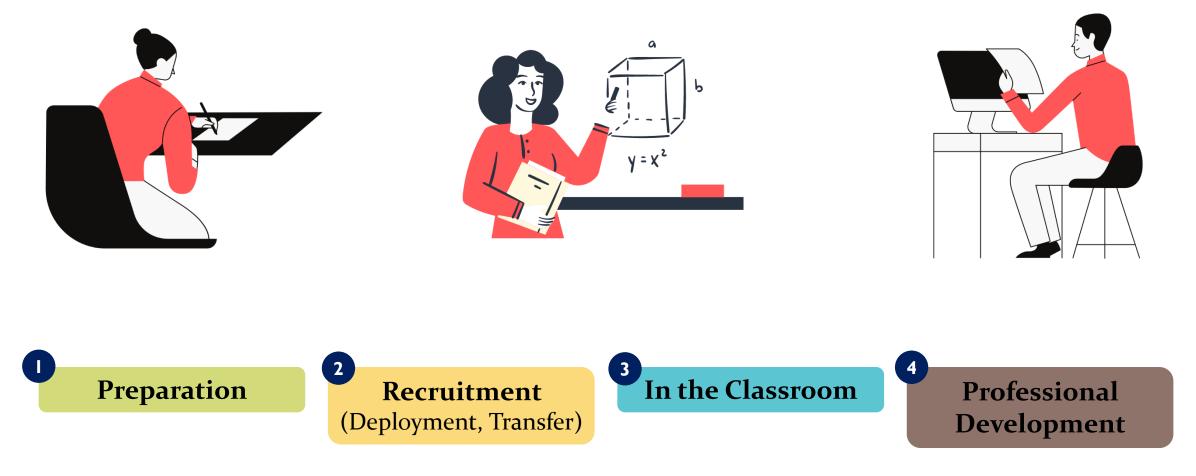
## **Teachers and Teacher Education NEP-2020**

- National Professional Standards for Teachers (NPST) will be developed by 2022.
- The professional standards will be reviewed and revised in 2030 and thereafter every ten years, on the basis of rigorous analysis of the efficacy of the system.
- Quality 4-year integrated B.Ed. Programmes
- Transparency in transfers through online computerized systems
- Teacher Eligibility Tests (TETs) will be strengthened.
- Sharing of teachers across schools.



- Schools/school complexes will hire local eminent persons/ experts as 'master instructors'.
- A technology based comprehensive teacher-requirement planning.
- Teacher education will gradually be moved by 2030 into multidisciplinary colleges and universities
- Multidisciplinary higher education institutions offering the 4-year in-class integrated B.Ed. Programm to also provide blended and or ODL mode of teaching to students in remote areas.

#### NEP aims to support and nurture Teachers through all phases of their tenure



## **Continuous Professional Development (CPD) & Improving Standards**

#### Teachers will undertake 50 hours of CPD every year driven by their own interests



Teacher Education to include aspects of supporting gifted children



Training Teachers to be effective **Online educators** 



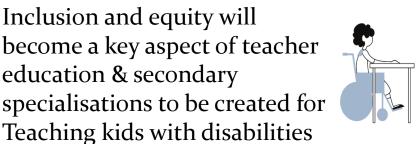
Workshops and Training programs for development of School Leaders and Principals

21-st century Teaching, Learning and Assessment will be at the 👸 heart of all Teacher training programmes

Anganwadi workers/teachers trained in early literacy, numeracy, and other relevant aspects of ECCE

Inclusion and equity will

education & secondary



A new & comprehensive National Curriculum Framework for Teacher Education, NCFTE 2021, will be formulated National Professional **Teacher Standard** (NPST) to set benchmark for expectations of the role of Teachers, standards for Performance appraisals and inform the design of pre-service Education

### Equitable and Inclusion Education NEP-2020

- Education is the single greatest tool for achieving social justice and equality.
- NEP seeks to bridge gender and social category gaps in all levels of school education.

<sup>66</sup>Inclusive, good-quality education is a foundation for dynamic and equitable societies."

~Desmond Tutu



#### Focus on Socio-Economically Disadvantaged Groups (SEDGs)

**SEDGs will be formed and will** be broadly categorized based on:

- Gender identities
- (particularly female and transgender individuals),
- **Socio-cultural identities** (such as Scheduled Castes, Scheduled Tribes, OBCs, and minorities),
- Geographical identities
- (such as students from villages, small towns, and aspirational districts),
- **Disabilities** (including learning disabilities), and
- Socio-economic conditions

(such as migrant communities, low income households, children in vulnerable situations, victims of or children of victims of trafficking, orphans including child beggars in urban areas, and the urban poor).



Separate strategies will be formulated for focused attention for reducing each of the category-wise gaps in schooleducation.

## How to ensure equitable and inclusive education?

- Increased participation of SEDGs in the schooling system will be strengthened.
- (SEZs) will be declared for educationally disadvantaged SEDGS.
- A 'Gender- Inclusion Fund' for girls and transgender.
- Free boarding facilities will be built
- Inclusion and **equal participation** of children with disabilities in **ECCE** and the schooling system will also be accorded the highest priority.
- Home-based education will be a choice for children who are unable to go to schools.
- Teachers must be helped to **identify such learning disabilities early and plan** specifically for their mitigation.
- Urgent need for additional special educators for certain areas of school education.

- Alternative forms of schools, will be encouraged to preserve their traditions or alternative pedagogical styles.
- Students in such schools would be encouraged to appear for State or other Board examinations and assessments by the NTA.
- Special attention will be given to reduce the disparities for Scheduled Castes and scheduled Tribes.
- Opening NCC wings in secondary and higher secondary schools will be encouraged
- Students will be sensitized through this new school culture, brought in by teachers, trained social workers and counselors.
- Human values such as empathy, tolerance, human rights, gender equality, non-violence, citizenship, inclusion and equity will be part of curriculum

## Efficient Resourcing and Effective Governance through School Complexes/Clusters

#### To ensure-

- adequate number of counselors/trained social workers and teachers (shared or otherwise) for teaching all subjects including art, music science, sports, languages, vocational subjects, etc;
- adequate resources (shared or otherwise), such as a library, science labs, computer labs, skill labs, playgrounds, sports equipment and facilities, etc.;
- a sense of community is built to overcome the isolation of teachers, students, and schools, through joint professional development programmes, sharing of teaching-learning content, joint content development, holding joint activities such as art and science exhibitions, sports meets, quizzes and debates, and fairs;
- cooperation and support across schools for the education of children with disabilities; and
- improved governance of the schooling system by devolving all finer decisions, to Principals, teachers, and other stakeholders within each group of schools and treating such a group of schools, which range from



# NATIONAL EDUCATION POLICY, 2020



# **CBSE** - Initiatives

## Standard-setting and Accreditation for School Education

#### NEP 2020 on Standards Setting and Accreditation

- A self-regulation or accreditation system will be instituted for all stages of private, public, and philanthropic to ensure compliance with essential quality standards
- A minimal set of standards based on basic parameters (namely, safety, security, infrastructure, number of teachers, financial probity, and sound processes of governance), which shall be followed by all schools
- States/UTs will set up an independent, State-wide, body called the State School Standards Authority (SSSA)
- Dimensions and format of disclosure will be decided by the SSSA in accordance with global best practices
- SCERT to develop a SQAAF: School Quality Assessment and Accreditation Framework through wide consultations

#### Key features of SQAA- for CBSE Schools

- Self-assessment tool for schools to review their performance against pre-defined indicators/benchmarks
- Easily implementable, transparent and objective tool
- Focuses on enhancement of quality, recognition of excellence, promotion of accountability, and benchmarking schools across a range of descriptors or indicators of assessment

CBSE has developed a comprehensive framework termed as School Quality Assessment and Assurance (SQAA). The disclosure will be at the school level based on proficiency of school. Technical documents/standards has been prepared. E-portal for schools is being prepared. Piloted in the year 2021-22 and finally rolled out in the year 2022-23

## **Transforming Assessment & Examination**

A Key Stage Assessment in class 3, 5 and 8-pilot in selected schools will be conducted in 2021-22 Holistic Report Card for CBSE schools is being prepared.

500 competency based test items for classes 1 to 5 related to the measurement of each learning outcome stipulated by NCERT; are being prepared Pilot will be done in the beginning of April/May 2021 or as and when schools reopen. It will be implemented on a larger scale in 2022-23. An online system is also being developed. CBSE has set up a Centre for Assessment. It will prepare standards linked to learning outcomes, Assessment Framework, Item Blueprints and Item development guidelines. Digital Assessment Unit is being set up.

Work initiated on the development of Question Bank for Competency Based Items (HOTS)for classes 6-10 in major subjects. Will be available at DIKSHA

Training of Paper Setters and Moderators is going on to standardize Question Paper. 10 % higher order application oriented Source/Case based Questions till it becomes 60 %

A manual on Assessment 'As', 'For' and 'Of Learning is being prepared.

#### **Initiatives for Capacity Building of Teachers**

CBSE offers generic as well as subject specific Teacher Training programs. Same will be aligned to cater to the need of the newly recruited teachers. Induction programme will be initiated in the year 2022.

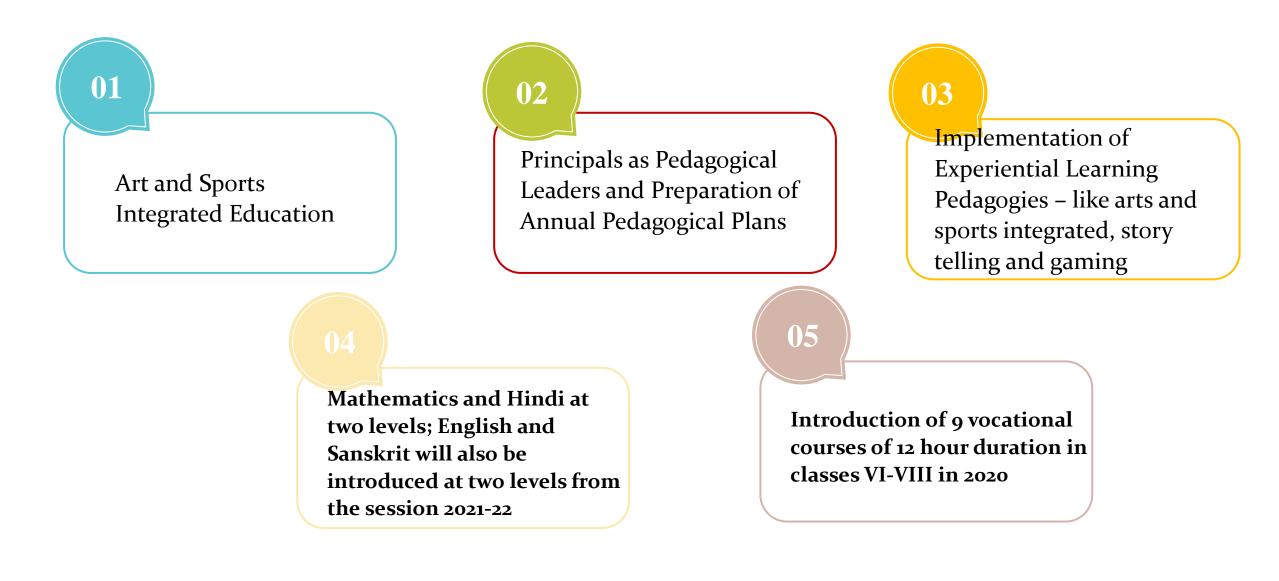
CBSE has its policy on in-service teacher training. This has been modified to make 50 hours mandatory CPD per year for teachers increasing it from the existing 35 hours.

CBSE will prepare small 10 minutes mock classrooms demonstrating a good class practice for experiential joyful learning, etc. The Board has introduced Experiential Learning, Competency Based Education, Art and Sport Integrated Education. All schools are mandated to follow Inclusive Education to provide conducive learning to all students.

The Board has published 36 manuals to handhold teachers and Trainings of teachers on newer pedagogies, classroom management, inclusive education and subjects using 32 Training Manuals developed by CBSE are being conducted.

Work is going on for developing five Foundational and Numeracy Training Modules which will be used for training teachers in online and blended mode.

#### **Curricular Initiatives**



#### **Ensuring Competency Based Education in Schools**







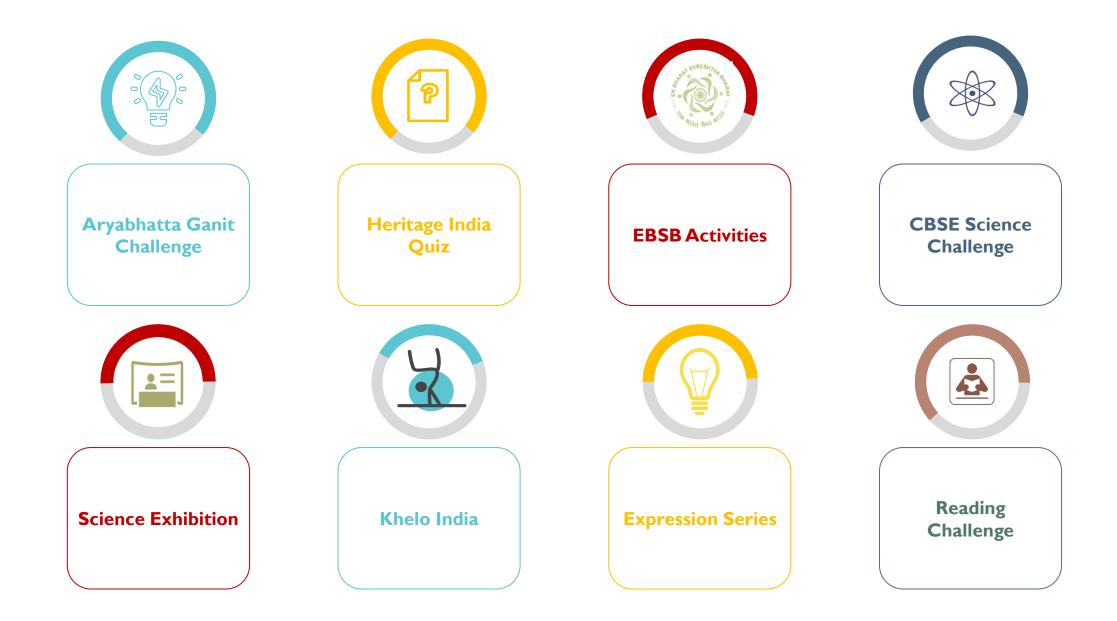
Creative & Critical Thinking Practice Tests ; informal assessments through Student Enrichment Activities; and introduction of Case Based Questions in Question Paper Design

Mandatory Online Training on Experiential Learning and Competency Based Education



Development of Resource Material - Handbook on Experiential Learning; Teachers' Resource for Achieving LOs; TERM

#### **Student Enrichment Activities**



## **Expectations from Schools**

#### 1. Focus on core essentials/Learning Outcomes

- a. Focus on Foundational skills in lower grades. Map curriculum across grades and subjects with the defined LOs
- b. Focus on practical and application-based learning; experiential learning; and enhancing creative and critical thinking skills of students
- c. Enable teachers to design such experiential and application based activities which enhance the creative and critical thinking skills and other desired skills among the students
- 2. Stress on the importance of foundational skills of literacy and numeracy
  - a. Transform teaching strategies or adopt innovative teaching strategies to develop, strengthen and achieve these foundational skills by grade 3. Focus at an early age on reading, writing, and learning of basic mathematical concepts.
- 3 Bring changes in classroom teaching in alignment with the NEP 2020
  - a. Define/Adapt/Adopt Learning Outcomes and Link assessment with the defined LOs
  - b. Adopt experiential learning pedagogies to achieve the defined LOs
  - c. Integrate subjects and technology to create a holistic learning experience for students
  - d. Integrate the component of digital literacy, scientific temper and computational thinking
  - e. Plan lessons grounded in real-life situations and Plan to promote multilingualism
  - f. Identify and nurture gifted students and plan for CWSN and SEDGs (socially economically disadvantaged groups) of students

#### 4. Bring changes in the assessment pattern

- a. Adopt varied modes of assessment
- b. Focus more on assessment as and for learning
- c. Align assessment practices with the defined LOs and focus on achievement of desired competencies in students
- d. Carry out Holistic(360 degree) assessment of the student in cognitive, affective and psychomotor domains.
- e. Design/create multidimensional or holistic report card reflecting the uniqueness of each child in the cognitive, affective and psycho motor domains
- f. Plan to track learning of each child
- 5. Remove separations between subjects and disciplines
  - a. Adopt holistic educational approach by removing hard separations between arts and sciences; curricular and co-curricular activities; academic and vocational streams

#### 6. Vocational training to students

- a. As mentioned in the NEP, one bagless day can be planned for the hands-on learning of the vocational subjects.
- b. Popularise and offer vocational courses/training to students

#### 7. Enable Access and Retention

- a. Track each child and ensure there are no drop outs
- b. Ensure educational access and retention of SEDGs
- c. Help each child to continue education through RTE Entitlements
- d. Involve all stakeholders in the child's learning process and journey (parents, local administration etc.)
- e. Enhance and enrich student learning through innovative pedagogy
- f. Create safe and conducive environment for learning and teaching
- g. Maintain inclusive and clean infrastructure
- h. Monitor/Track Health status of Children through periodic health check-up

#### 8. Self-Audit on School Quality Assurance and Accreditation Framework (SQAAF)

• Disclose all financial, academic and operational matters as expected from schools by SSSA

#### 9. Provide enabling resources both to students and teachers

- **10.** Ensure that all students at all levels of school education are taught by passionate, motivated, highly qualified, professionally trained, and well-equipped teachers.
- 11. Recruit qualified teachers and as per NCTE regulations

#### **Ensure Capacity Building at all levels**

- 1. Build capacities of School management, Heads, teachers, staff, parents, community/volunteers
- 2. Minimum 50 hours CPD per year for heads and teachers
- 3. Mentoring of teachers
- 4. NISHTHA needs to be compulsorily completed by all teachers
- 5. Training regular teachers to teaching some appropriate vocational subjects and training of vocational teachers
- 6. Train teachers in:
  - a. Identifying/recognising and nurturing unique potential of every child
  - b. Curriculum and pedagogy of ECCE/FLN
  - c. Use of technology platforms such as SWAYAM/DIKSHA
  - d. Basic health indicators to look out for and monitor in children
  - e. Teaching Indian Languages
  - f. Shift in teaching learning from rote to inquiry based, critical thinking, cognitive learning and applied methods
  - g. Assessment as learning and Assessment for learning
  - h. Implementation of Holistic Progress Card
  - i. Creation of safe and secure learning environment in school
  - j. Time-tested as well as new pedagogies

# Engage with parents and community for a positive learning environment

- 1. Inform parents about expected learning outcomes, portfolios, home assignments, etc.
- 2. Sensitize parents of children with physical and learning disabilities, first generation learners
- 3. Make home visits, if possible and necessary
- 4. Arrange workshops on parenting, and particularly on exam related anxieties and other stress
- 5. Engage with parents to deal with substance abuse, sexual orientations and other adolescence issues
- 6. Constantly send information about the activities in the school, and child's progress
- 7. Send portfolios back to parents for review and feedback
- 8. Inform parents about what kind of assistance the child needs at home for learning
- 9. Newsletters, e-mails, blogs, memos etc. can be a regular feature
- 10. Let Parents be volunteers for FLN/field visits, sports/art exhibitions, annual function, school magazine, etc.
- 11. Exposure lecture by parent specialists a counsellor, doctor, sportsperson, filmmaker, etc.
- 12. Have parent representatives for PTMs
- 13. Organise specific events only for parents
- 14. Involve parents in the community outreach work undertaken by the school.



## THANK YOU

