

**BAL BHARATI PUBLIC  
SCHOOL, ROHINI  
19 March 2021**

**ORIENTATION TO NEP 2020**

**MS GEETA GANGWANI,  
PRINCIPAL, BBPS ROHINI**



# EXPECTED LEARNING OUTCOMES-

- *The participants will understand the background, vision & principles of NEP 2020.*
- *The participants will get an insight to highlights of NEP 2020 with respect to curriculum reconstruction , pedagogical innovation & transformation in assessment.*
- *The participants will understand the role of various stakeholders & organizations /bodies in implementation of NEP 2020*

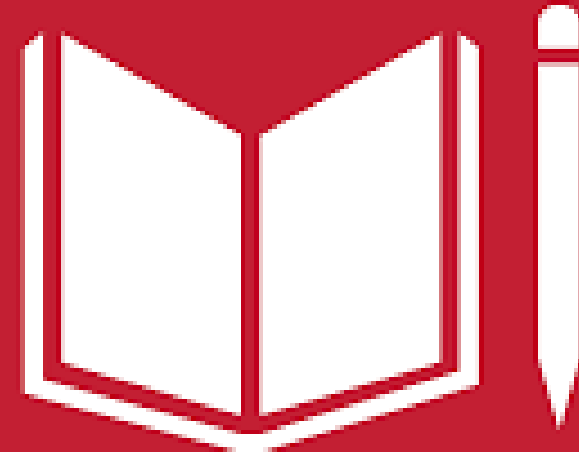
**DETAILED ACTION PLAN WILL FOLLOW.....**

SUSTAINABLE  
DEVELOPMENT GOALS  
(adopted by India-  
2015)

**SDG<sub>4</sub>**

**Goal No 4 for Sustainable Development seeks to “Ensure inclusive and equitable quality education and promote lifelong learning opportunities for all” by 2030**

**4 QUALITY  
EDUCATION**



# SKILLS FOR FUTURE- CQ & AQ



**Complex Problem Solving**

**Cross Cultural Competency**

**Design / Growth Mindset**

**Cognitive Load Management & Cognitive flexibility**

**New Media Literacy & Digital Literacy**

**Social & Emotional Intelligence**

**Cloud Computing**

# HISTORY-EDUCATION POLICIES IN INDEPENDENT INDIA

NEP  
2020

**1968**

Indira Gandhi government announces first National Policy on Education in 1968 based on recommendations of the Education Commission (1964-1966)

**1986**

Rajiv Gandhi government launches New Education Policy focusing on adult education and empowerment of minorities

**1992**

Modification of 1986 National Education Policy under PV Narasimha Rao government adding a common entrance examination for professional and technical programmes

# NEP- BACKGROUND & DEVELOPMENT

- ***Drafted by the committee led by Former ISRO Chairman K. Kasturirangan.***
- ***Created after consultation with parents, students, education specialists, academicians, central and state education bodies, state ministries and around 1.25 lac gram samitis.***
- ***First draft was released in 2019 for public opinion and it received around 2.25 lac suggestions.***

**THE WORLD'S FIRST UNIVERSITY  
WAS ESTABLISHED IN TAKSHILA  
IN 700 BC**



**MORE THAN 10,500 STUDENTS FROM  
ALL OVER THE WORLD STUDIED  
MORE THAN 60 SUBJECTS  
THIS IS WHY INDIA WAS CALLED  
VISHWA GURU**

## **ANCIENT INDIA EDUCATION SYSTEM**



***The aim of education in ancient India was not just the acquisition of knowledge as preparation for life in this world or life beyond schooling , but was the complete realization and liberation of the self.***

# PRINCIPLES OF NEP 2020



*The purpose of the education system is to develop good human beings capable of rational thought and action , possessing .....*





# NEP 2020- The Vision

NEP  
2020

*Doubling of  
knowledge*

Knowledge  
half life

Highest youth  
population

Changing  
knowledge  
landscape

Changing  
employment  
& Global  
ecosystem

Learn how  
to learn

***NEP 2020 aims at building a global best education system rooted in Indian ethos and aligned with the principles enunciated above, thereby transforming India into a global knowledge superpower.***

# NEP 2020- The Vision

NEP  
2020

The Policy envisages that the curriculum and pedagogy of our institutions must develop among the students a deep sense of respect towards the **Fundamental Duties** and **Constitutional values**, bonding with one's country, and a conscious awareness of **one's roles and responsibilities** in a changing world. The vision of the Policy is to instill among the learners a deep-rooted **pride in being Indian**, not only in thought, but also in spirit, intellect, and deeds, as well as to develop knowledge, skills, values, and dispositions that support **responsible commitment to human rights, sustainable development and living, and global well-being**, thereby reflecting a truly global citizen.

# NEP 2020 *on* SCHOOL EDUCATION

Page No. 9-32



# Recognizing , identifying & fostering unique capabilities of each child

Cognitive

Social

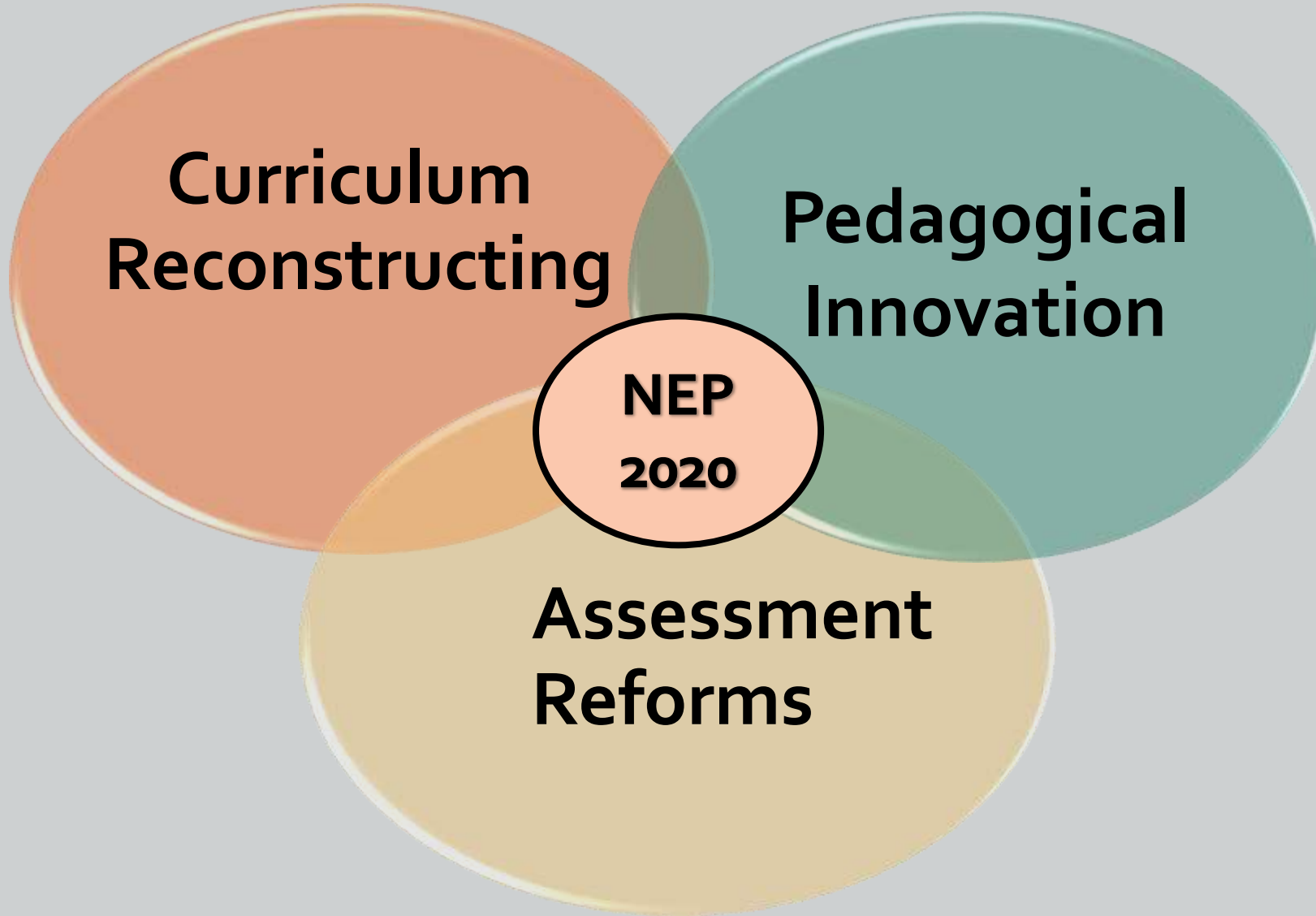
Ethical

Emotional

Foundational  
(Literacy &  
Numeracy)

Higher Order Capacities  
Critical Thinking &  
Problem Solving

# HIGHLIGHTS OF NEP 2020



# CURRICULUM RECONSTRUCTING-

*synergy in curriculum across all levels of education*

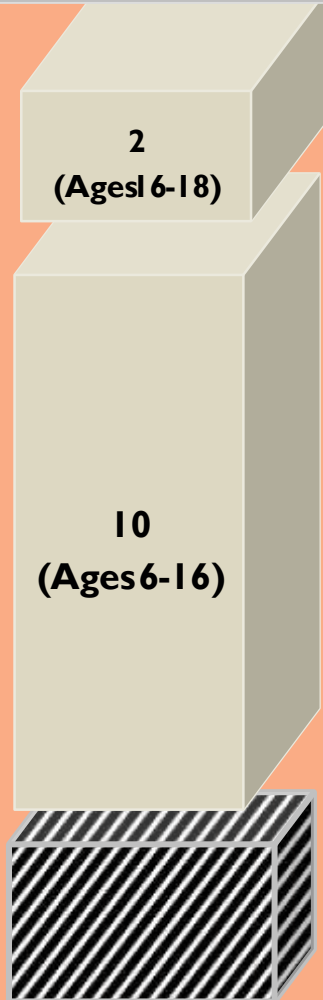


# CURRICULAR RESTRUCTURING

NEP  
2020

Previous academic structure

New Pedagogical & Curricular Structure



Secondary

Middle

Preparatory

Foundational

- **Secondary Stage** - Greater critical thinking, multidisciplinary study, flexibility, student choice of subjects and more frequent assessment of module
- **Middle Stage** - Subject-oriented pedagogical and curricular methodology, experiential learning in the sciences, mathematics, arts, social sciences, and humanities
- **Preparatory Stage** - play, discovery, and activity-based, interactive classroom learning and Introduction of subjects, including physical education, art, languages, science, and mathematics
- **Foundational stage** Focus on good behaviour, courtesy, ethics, personal and public hygiene/cleanliness, teamwork and cooperation and Pedagogy of ECCE.

# CURRICULUM REDUCTION

NEP  
2020



## Core Essential

Curriculum in all subjects to be reduced to its core essentials

## Critical Thinking

Focus on critical thinking , inquiry , discovery , discussion and analysis based teaching and learning methods for holistic education

## Interactive Classes

Interactive teaching with reduced dependency on textbook learning; Questions from students will be promoted

## Experiential Learning

Fun , creative , collaborative and exploratory activities in classroom for experiential learning and deeper student learning



ESSENTIAL  
CURRICULUM  
INTEGRATION

Basic arts &  
Crafts

Humanities

Indian &  
Local  
context

Languages  
& Literature

Culture &  
Values

Science &  
Mathematics

Games,  
Sports &  
Fitness

# CURRICULUM INTEGRATION

NEP  
2020

*Curriculum Integration of essential subjects, skills and Capacities*

- ✓ Digital Literacy
- ✓ Coding
- ✓ Computational thinking
- ✓ Ethical / E-Moral Reasoning
- ✓ Artificial Intelligence
- ✓ Design Thinking
- ✓ Organic living
- ✓ Environmental Education
- ✓ Global Citizenship Education (GCED)

# EARLY CHILDHOOD CARE AND EDUCATION (ECCE)

- Over 85% of a child's cumulative brain development occurs prior to age of 6
- ECCE Curriculum Should be –
  - Flexible
  - Multi- Faceted
  - Multi-Level
  - Play -Based
  - Activity-Based
  - Inquiry-Based

# ECCE Framework

NEP  
2020

## NCPFECE

National Curricular and Pedagogical framework for Early Childhood Education (NCPFECE) will be drafted by NCERT.

## Research and Best Practice

NCPFECE will be aligned with the latest research on ECCE and national and international best practices



## Multi-faceted Framework

Comprising of alphabets , languages , numbers , Counting , colours , shapes, indoor and outdoor play , puzzles and logical thinking , problem solving , drawing, painting and other visual art , craft , drama and puppetry , music and movement

## School Preparation Module

A three months play based '*school preparation module*' for all grade 1 students to be developed by NCERT

*Implementation to be jointly carried out by Ministries of HRD, Women and Child Development (WCD), Health and Family welfare (HFW), and Tribal Affairs*

# ACHIEVING FOUNDATIONAL LITERACY & NUMERACY BY 2025

NEP  
2020

- All students upto grade 3 to have ability to read and comprehend basic text and the ability to carry out basic addition and subtraction with Indian numbers
- National Mission on Foundational Literacy and Numeracy to be set up by MHRD (MoE) on priority. Accordingly, all State/UT governments to immediately prepare an implementation plan for attaining universal foundational literacy and numeracy in all primary schools
- A national repository of high-quality resources on foundational literacy and numeracy to be made available on DIKSHA.
- Peer tutoring to be encouraged

# MULTILINGUISM & POWER OF LANGUAGE

NEP  
2020

**Medium of Instruction up to grade 5 / Grade 8 will be Mother Tongue/ Home Language.**

**Teachers to use bilingual approach.**

**Learning of language should be enjoyable and in Interactive style.**

**Language teaching can be through online modules.**

**Grade 6-12 to have option of Learning two Classical India languages and its associated literature through experiential & innovative approaches.**

**Sanskrit to be offered at all levels, Foreign languages will also be offered at secondary level**

# THE LANGUAGES OF INDIA PROJECT

NEP  
2020

Every student of classes VI-VIII will participate in a fun project on '*The Languages of India*' under EK Bharat Shrestha Bharat Initiative .Student will Learn-

- ❖ Scientifically arranged alphabets and scripts.
- ❖ Grammatical Structure.
- ❖ Origins and sources of Vocabularies
- ❖ Commonly spoken phrases/sentences.



# KNOWLEDGE OF INDIA

NEP  
2020

- ❖ Knowledge from ancient India and its contributions to modern India and its successes and challenges to be incorporated.
- ❖ Indian Knowledge Systems, including tribal knowledge, indigenous and traditional ways of learning to be covered.
- ❖ Specific courses in tribal ethno-medicinal practices, forest management, traditional (organic) crop cultivation, natural farming, etc to be made available.
- ❖ Engaging course on Indian Knowledge Systems to be offered at secondary school as an elective.

## ❖ **Organise –**

Competitions in schools through fun and indigenous games / Video documentaries on inspirational luminaries of India / Students' visits to different States as part of cultural exchange programmes / Essential reading of excerpts from the Indian constitution / discussion of critical issues facing local communities, states, country and the world.



# CURRICULUM REFORMS

NEP  
2020

**Increased Flexibility and choice of subjects at the secondary stage**

**Curriculum content to be restricted to core essentials to make space for integration with important components**

**Shorter modules or Courses followed by assessment –  
Annual /Semester/Modular**

**No hard separation between co-curricular, extra curricular and curricular or between arts, humanities , science , vocational or academic and non academic subjects**

# VOCATIONAL SKILLS

Students of classes VI-VIII to be offered vocational experiences in-

- Carpentry
- Electric Work
- Gardening
- Pottery Making etc .....*mapped by local skilling needs*

Vocational Courses through online mode will be available.

*10 bagless days for Internship with local vocational experts proposed*

## DOING WHAT IS RIGHT

### *Traditional Indian Values*

- SEVA
- AHIMSA
- SATYA
- NISHKAM KARMA
- SHANTI
- SWACHCHATA
- SACRIFICE

## ALL BASIC HUMAN AND CONSTITUTIONAL VALUES

- Helpfulness
- Patriotism
- Equality
- Courtesy
- Democratic Outlook
- Fraternity
- Forgiveness
- Integrity
- Compassion
- Responsibility
- Justice
- Liberty
- Disaster management
- Health & Hygiene
- First Aid good nutrition

## TEXTBOOKS & BOOKS

- All textbooks to contain the essential core material deemed important on a national level and any desired nuances and supplementary material as per local contexts and needs.
- Textbooks to be made available in all regional languages
- Access to downloadable and printable versions of all text books
- Enjoyable and inspirational books for students at all levels to be developed
- Opportunity to read and learn from the original fun & inspiring stories of the Panchatantra, Jataka, Hitopadesh from the Indian tradition.
- Digital libraries to be established.
- School libraries to serve the community during non-school hours
- Book clubs to be encouraged
- A National Book Promotion Policy to be formulated

*Extensive initiatives will be undertaken to ensure the availability, accessibility, quality, and readership of books across geographies, languages, levels and genres.*

# CURRICULUM RECONSTRUCTION

The curricular structure will be reconfigured to make it responsive and relevant to the developmental needs and interests of learners.

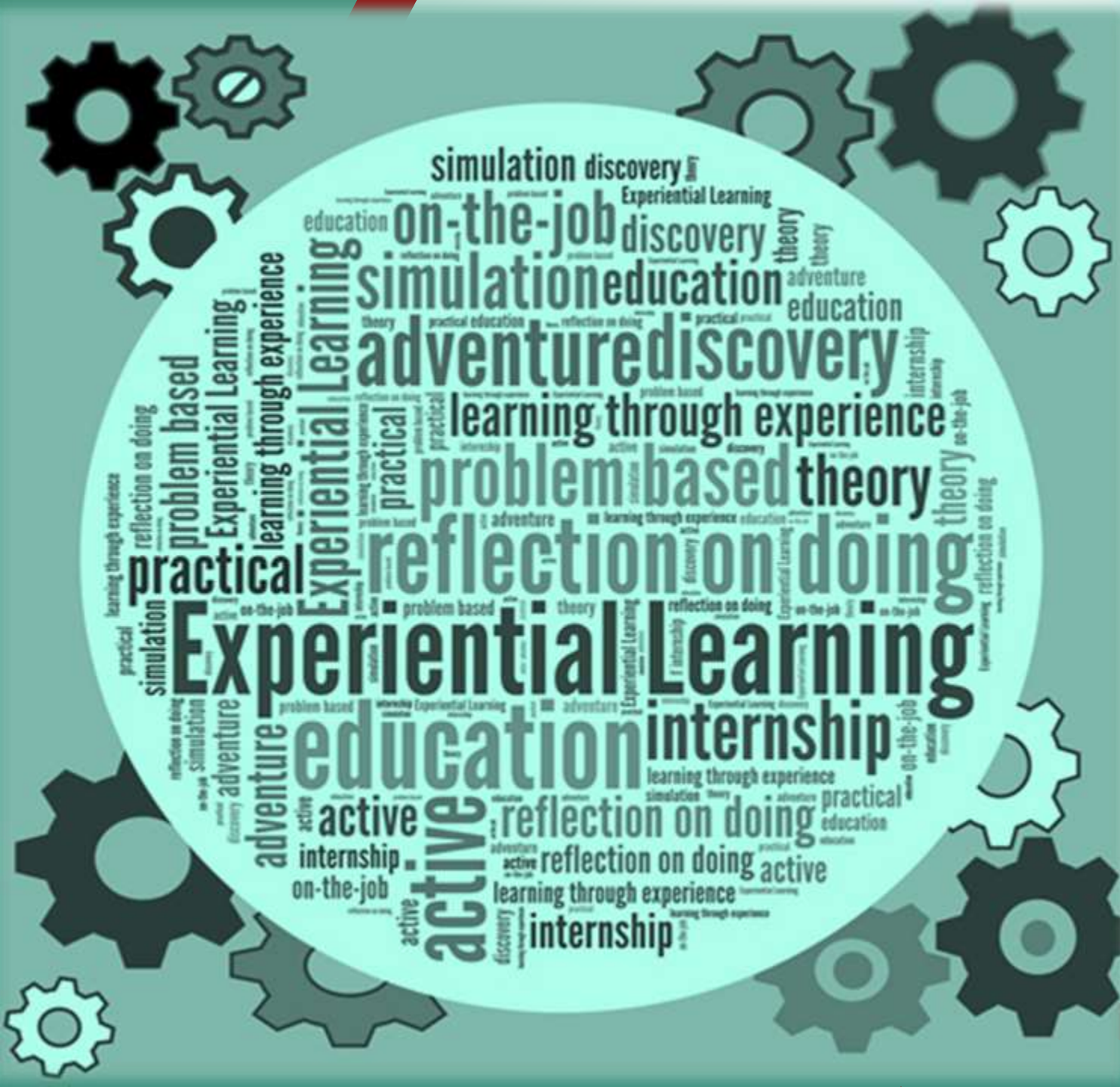
Formulation of a new and comprehensive National Curricular Framework for School Education (NCFSE) 2020-21 to undertaken by the NCERT.

NCFSE document shall henceforth be revisited and updated once every 5-10 years , taking into account frontline curriculum.

# PEDAGOGICAL INNOVATION

# PEDAGOGICAL INNOVATION

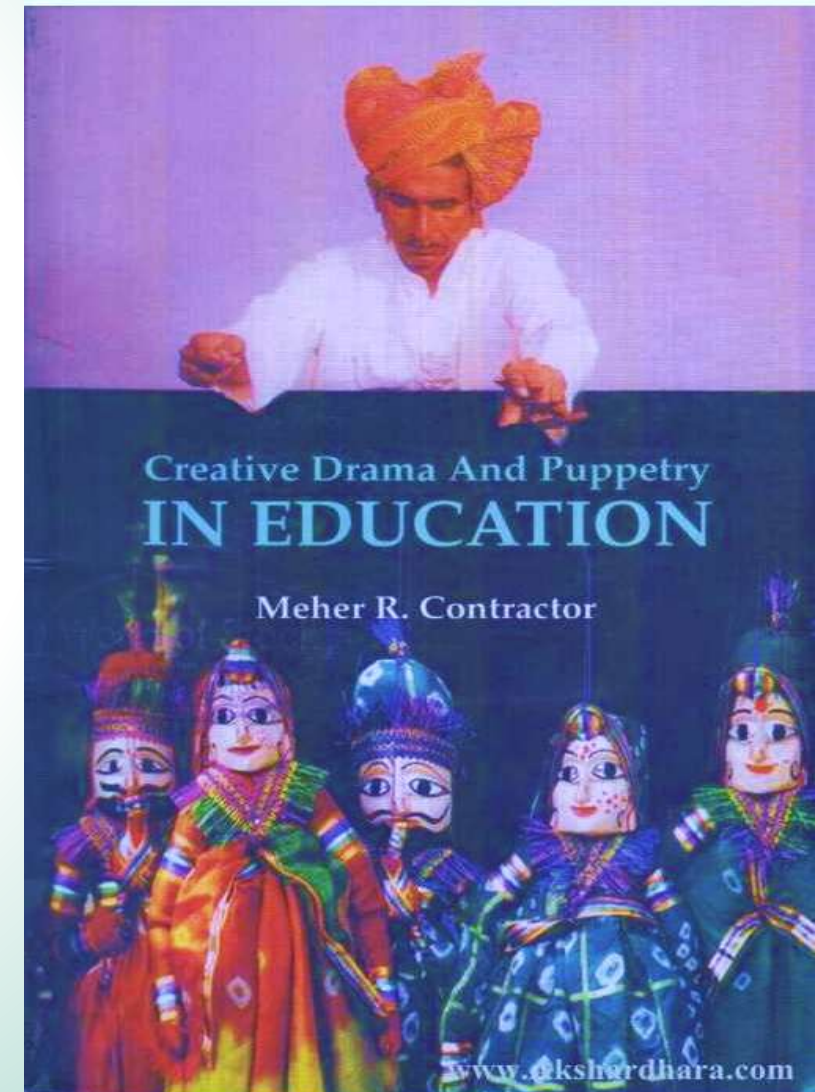
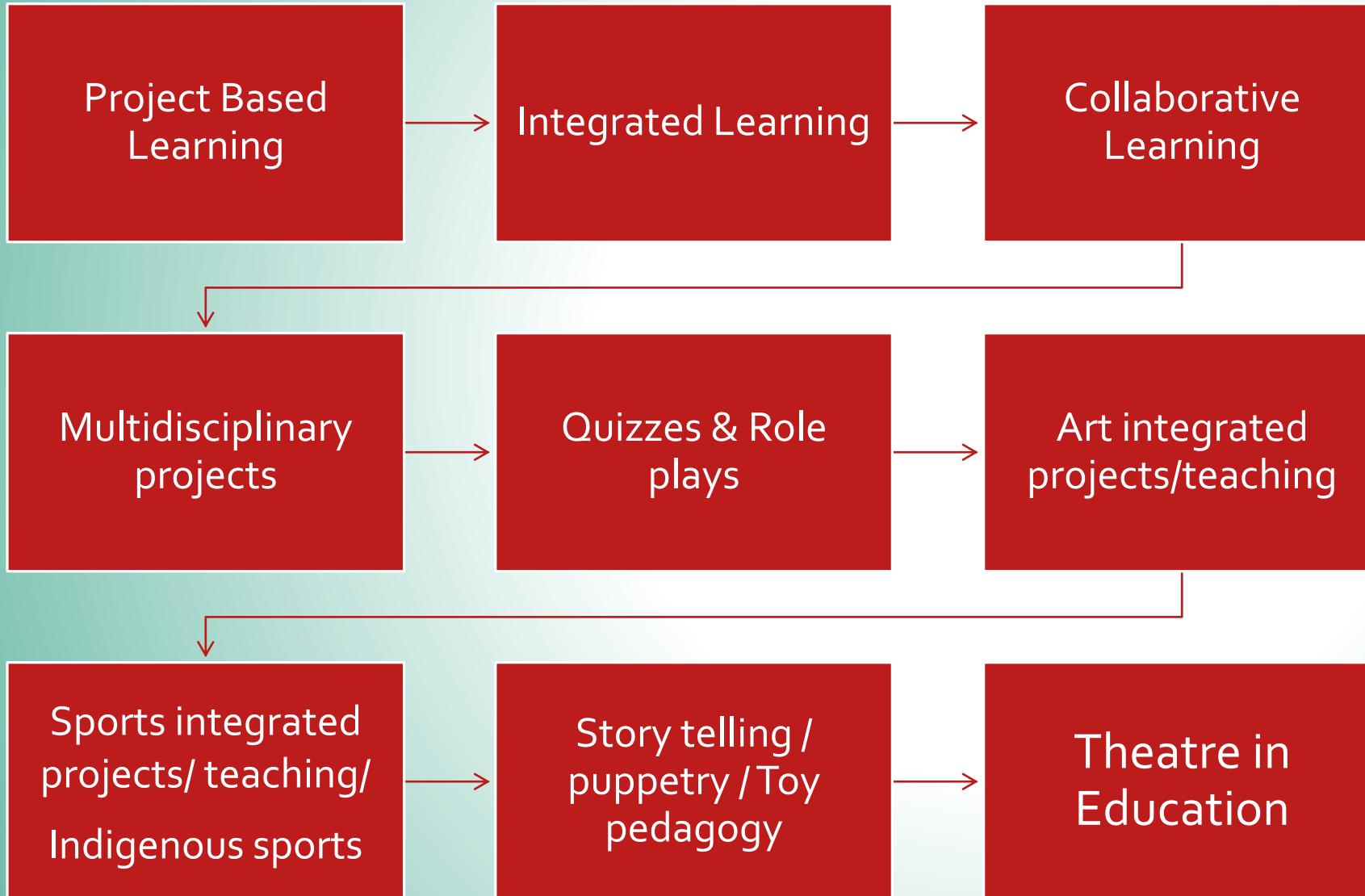
- Experiential
- Holistic
- Integrated
- Inquired Driven
- Discovery oriented
- Learner Centered
- Discussion Based
- Flexible
- Joyful



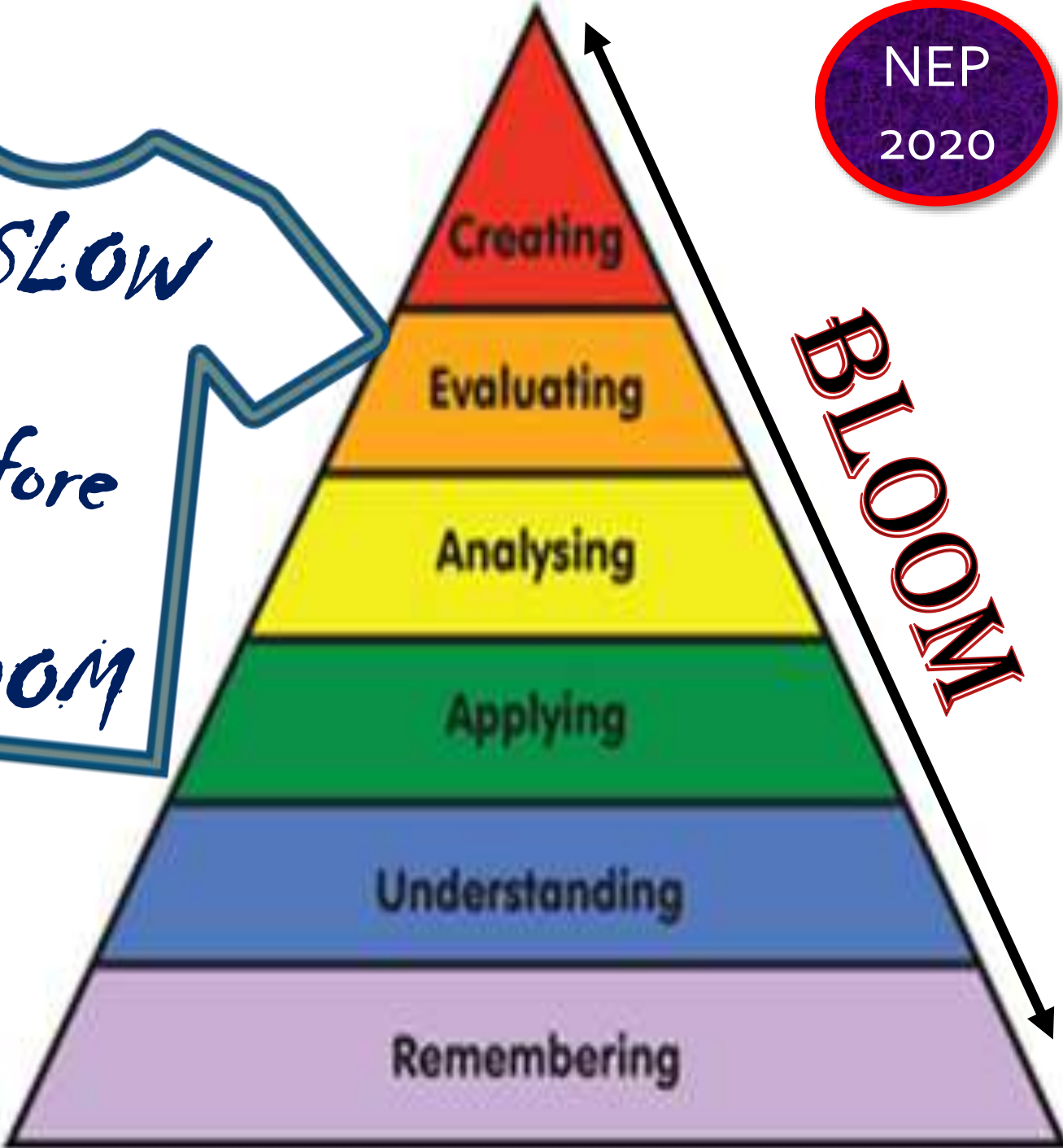
# PEDAGOGICAL INNOVATIONS

NEP  
2020

(Indian & local context)







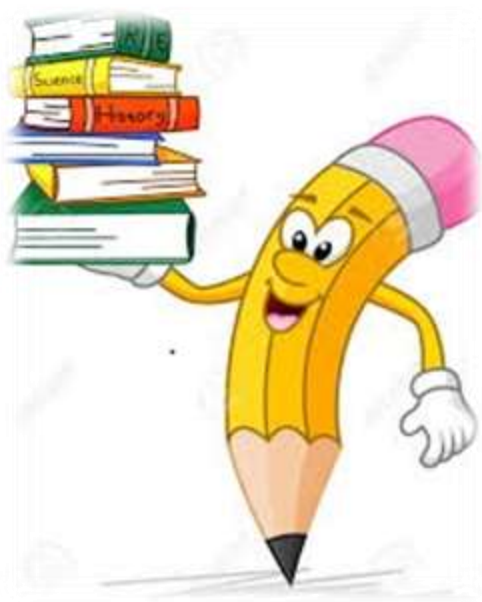
# TEACHER DRIVEN TO STUDENT DRIVEN PEDAGOGY



**Pedagogy**

**Andragogy**

**Heutagogy**



**Teaching  
sage on the stage**

**Facilitating Guide on  
the side**

**Self-directed learning  
Searching & Reflecting**

# Traditional Classroom to Engaging Classroom

NEP  
2020

- Encourage Questioning
- Provide Opportunities to inquire, investigate, Apply, Create , Present
- Hone Metacognition
- Develop Computational Thinking
- Allow Humor in class



# ICT DRIVEN PEDAGOGY

NEP  
2020



***Education in 2035 - Schooling would no longer consist of large classrooms, grade wise stratification , common and rigid curricula, syllabi and textbooks and overbearing presence of examination...  
Technology Information Forecasting & Assessment Council***

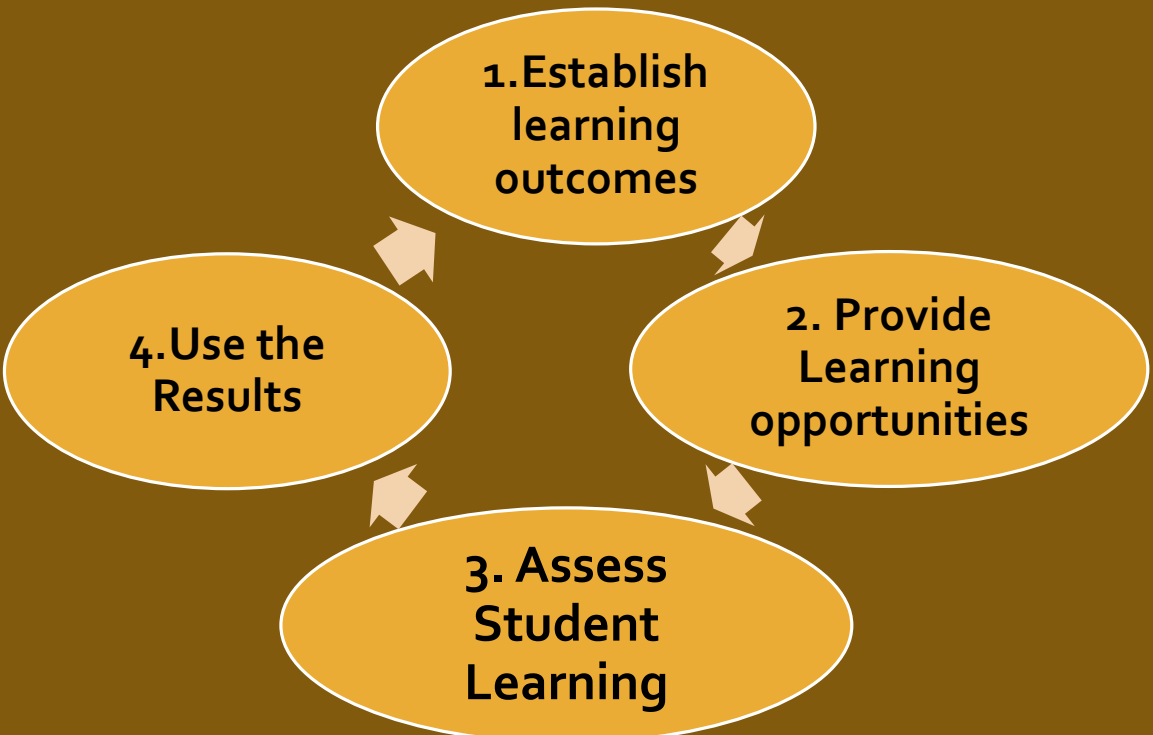
# ASSESSMENT REFORMS

# AIM OF ASSESSMENT

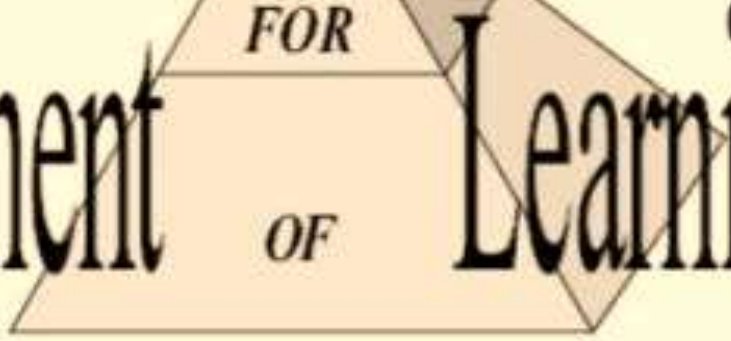


Shift from summative and primarily rote memorization skill based testing to one that is-

- \* Regular , continuous and formative
- \* Competency-based
- \* Tests higher order thinking like analysis , critical thinking, conceptual clarity & application of knowledge to real world problems



*Primary Purpose of Assessment is to continuously revise teaching learning process to optimize learning and development of learners*

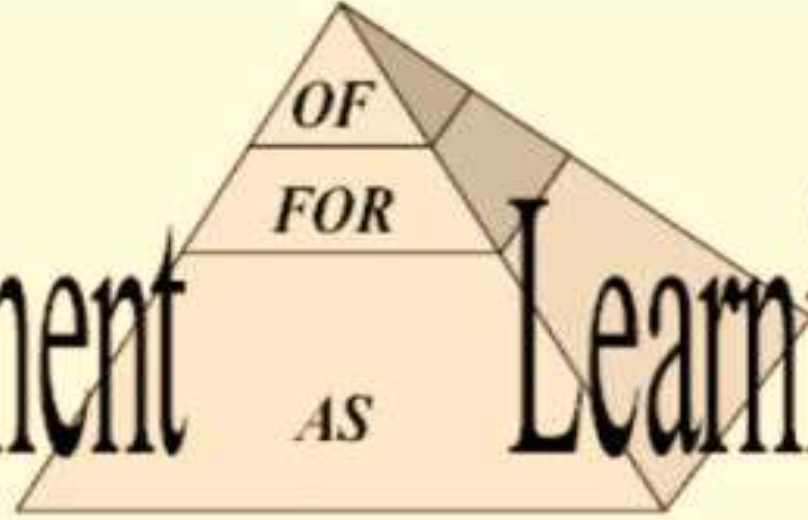


AS  
FOR  
OF

Assessment OF Learning

The diagram shows a pyramid with three horizontal sections. The top section is labeled 'AS', the middle 'FOR', and the bottom 'OF'. The words 'Assessment' and 'Learning' are written in large, stylized fonts on either side of the pyramid, with 'OF' positioned between them.

*Traditional Assessment Pyramid*



OF  
FOR  
AS

Assessment OF Learning


The diagram shows a pyramid with three horizontal sections. The top section is labeled 'OF', the middle 'FOR', and the bottom 'AS'. The words 'Assessment' and 'Learning' are written in large, stylized fonts on either side of the pyramid, with 'OF' positioned between them.

*Reconfigured Assessment Pyramid*


# EXAMINATIONS

NEP  
2020

**\* All students to take examination in grade 3, 5 and 8 to test learning outcomes and application of knowledge in real-life situations**



**\* The Grade 3 examination, in particular, would test basic literacy, numeracy and other foundational skills**



**\* The result of school examination will be used only for developmental purposes**



**\* There will be Public disclosure by schools of their overall (anonymized) student outcomes**



# BOARD EXAMS

NEP  
2020


**\* Will be made easier and will be redesigned to encourage holistic development**



**\* Will test primarily core capacities/competencies**



**\* Student to choose the subjects depending on their individualized interests, Greater flexibility and more choice**



**\* Student to take Board Exams on up to two occasions, Best of the two exams to be counted**

# PROGRESS CARD

NEP  
2020

- **SALIENT FEATURES OF REPORT CARD**

- Holistic, 360-degree
- Multidimensional report
- Will form an important link between home & school
- Will provide valuable information how to support each student in and out of the classroom

- **DOMAINS OF LEARNING IN PROGRESS CARD**

- Cognitive
- Affective
- Psychomotor

- **TYPE OF ASSESSMENTS**

- Self-assessment
- Peer assessment
- Teacher assessment

# PROGRESS CARD

NEP  
2020

- **PROGRESS OF THE LEARNER TO BE ASSESSED ON**

- Project-based and inquiry-based learning
- Quizzes
- Role plays
- Group work
- Portfolios etc

- **ACTIVE INVOLVEMENT OF PARENTS IN**

- Parent-teacher meetings
- Holistic education and development of a child

- **AI-BASED SOFTWARE TO BE USED TO**

- Help students to track growth through school years
- Interactive questionnaires for parents, students, and teacher
- Provide students with valuable information on their strengths, areas of interest and needed areas of focus
- Help students make optimal career choices

# FORMATION OF NATIONAL ASSESSMENT CENTRE, PARAKH

(Performance Assessment, Review & Analysis of Knowledge  
for Holistic Development)

## Major Areas Of Functioning of PARAKH-

- To set norms, standards, and guidelines for all recognized school boards of India for assessment & evaluation
- To help school boards to shift their assessment patterns towards meeting the skill requirements of the 21st century
- Sharing of best practices among school boards
- Ensuring equivalence of academic standards
- Undertaking the National Achievement Survey (NAS)
- Guiding the State Achievement Survey (SAS)
- Monitoring achievements of learning outcomes in the country

# NATIONAL TESTING AGENCY :

NEP  
2020

premier, expert, autonomous body to conduct-

➤ High-quality common aptitude tests.

➤ Specialized common subject exams in the sciences, humanities, languages, arts, and vocational subjects, at least twice every year, student admission will be on basis of subject scores & individual subject portfolio.

Entrance examinations for undergraduate and graduate admissions.

# Teacher is the Oxygen of Education System

Motivation & Empowerment

Incentives for taking teaching

Strengthening Teacher Eligibility Tests (TETs)

Reconstructing Teacher Recruitment process

Sharing of Teachers among group of schools

Schools/school complexes will hire local eminent persons/ experts as 'master instructors'

# Teacher is the Oxygen of Education System

NEP  
2020

No involvement in strenuous administrative tasks

Autonomy in choosing aspects of pedagogy

50 hours of CPD year ( ..... driven by their own needs and choices )

Availability of career growth within a single school stage

Vertical mobility of teachers based on merit

*A common guiding set of National Professional Standards for Teachers (NPST) will be developed by 2022 , by the National Council for Teacher Education in its reconstructed new form as a Professional Standard Setting Body (PSSB)*

# TEACHER QUALIFICATION

NEP  
2020

By 2030, 4 year integrated B.Ed degree (Minimum)

2 year B.Ed programme for Graduates

1 year B.Ed programme for Postgraduates

Shorter B.Ed certificate courses for specialized areas

ECCE training of Anganwadi teachers- 6 months ( after 10+2), 1 year ( lower qualification ) mentored by cluster resource centers

*All B.Ed. Programmes to include pedagogy with respect to FLN , multi-level teaching and evaluation, teaching children with disabilities/ special interests /talents, use of educational technology, learner-centered and collaborative learning , emphasis on Fundamental Duties, environmental awareness & sensitivity towards its conservation and sustainability*



# EQUITABLE & INCLUSIVE EDUCATION

NEP  
2020

Socio-Economically Disadvantaged Groups (SEDGs) to be broadly categorized based on gender/socio-cultural/geographical identities and socio-economic conditions

Regions of the country with large populations from educationally-disadvantaged SEDGs to be declared as Special Education Zones (SEZs), where all the schemes and policies are to be implemented to the maximum

“Gender-Inclusion Fund’ to provide equitable quality education for all girls as well as transgender students.

Kasturba Gandhi Balika Vidyalayas to be strengthened

Alternative forms of schools & high quality home schooling to be encouraged

# EQUITABLE & INCLUSIVE EDUCATION- Gifted Students

NEP  
2020

Supplementary enrichment material, guidance & encouragement to be provided to students with singular interest and/or talents

Topic – centred and Project based clubs & circles to be encouraged

High quality , national residential summer programmes to be developed

Olympiads & Competitions to be encouraged. Merit based results of National and International Olympiads to be part of admission criteria in universities /IITs/NITs

B.Ed programmes to have specialization in education of Gifted students

# STANDARD- SETTING AND ACCREDITATION

NEP  
2020

- States/UTs will set up an independent, State-wide, body called **the State School Standards Authority (SSSA)**. The SSSA will establish a minimal set of standards based on basic parameters (safety, security, basic infrastructure, number of teachers across subjects and grades, financial probity, and sound processes of governance). **Both Private & Public schools will be accessed & accredited on the same criteria.** The framework for these parameters will be created by the SCERT in consultation with various stakeholders.
- The SCERT will develop a **School Quality Assessment and Accreditation Framework (SQAAF)** through wide consultations with all stakeholders

**CBSE Sahodya  
Complexes**

**School complex: one  
Secondary School &  
other Schools  
offering lower Grades**

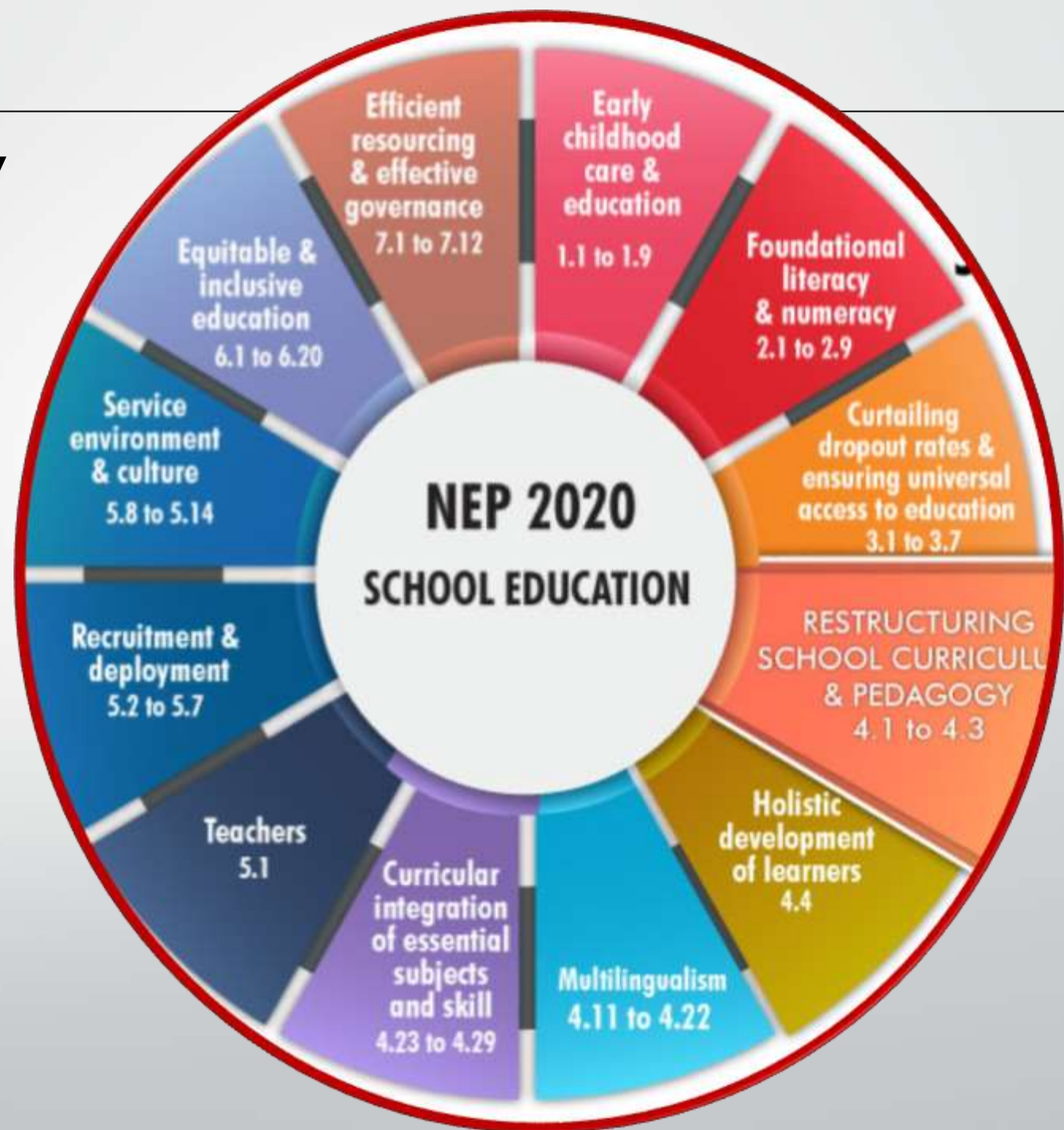
**Collaborations :  
Sharing best  
Practices & Sharing  
resources**

**Twinning  
:pairing one  
Public School &  
One Private  
School**

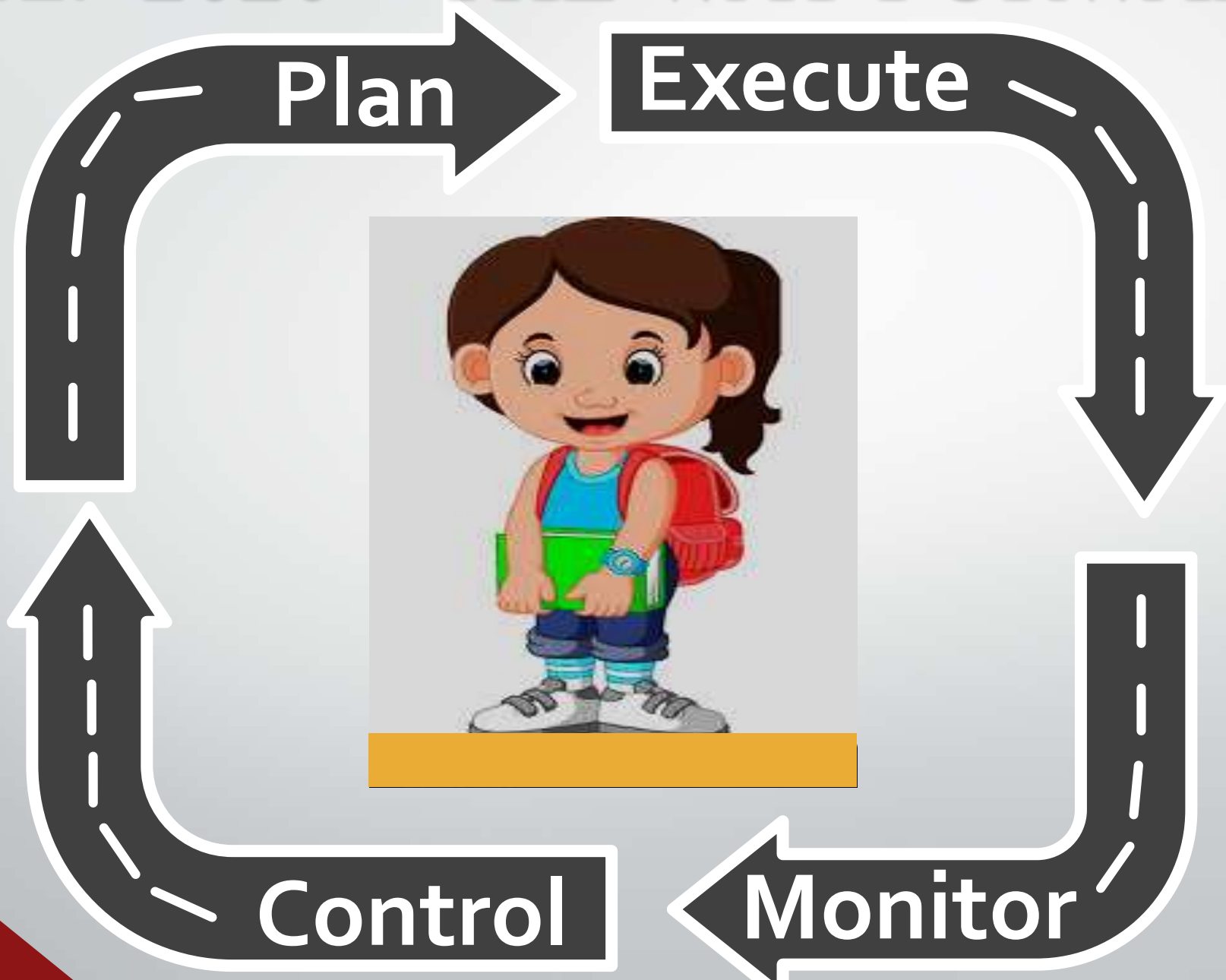
**Virtual  
Collaborations  
– Local &  
Global**

# Non-Negotiables

- Child centric and Inclusive pedagogy
- Inclusion
- Teacher quality
- Safety
- Diversified TLM
- Competency-based education and flexibility
- Quality of classroom transactions, Pedagogies
- Performance tracking
- Skill development
- Sports
- Arts and Craft
- Use of ICT



# NEP 2020 – THE WAY FORWARD



Plan

Execute



Control

Monitor

Working Infrastructure  
Requirements

Teacher  
Empowerment

Revamping ECCE

Engaging  
Community

Thrust on Foundational  
Literacy & Numeracy

Preparing For  
Hybrid Learning

Encouraging  
Multilingualism

Introducing Vocational/Skill/  
Contemporary Courses

Changing Classroom  
Pedagogy



Transforming  
Assessment  
Pattern

# NEP IS NOT A POLICY BUT A MISSION

**THANK YOU**

**Bibliography-**

- \*NEP 2020, Ministry of Human Resource, Govt of India**
- \*CBSE PPT “ Expectations from CBSE Schools “**
- \* NEP 2020 PPT by Edulead**
- \* Images from various google sites**