National Education policy, 2020

Foundational Literacy and Numeracy

National Council of Educational Research and Training
Foundational Literacy and Numeracy - What it is?
Recognizing the primacy of Early Education

FL - Foundational Literacy

Reading is comprehension

Listening and Speaking with comprehension

Writing for various purposes

A bat is long, a ball is round. Look around, look around.
Foundational Literacy and Numeracy - What it is?
Recognizing the primacy of Early Education
FN - Foundational Numeracy

- Competent in Counting
- Understanding about Numberness
- Application Basic Operations on Numbers for problem solving
- Development of Mathematical Thinking
- Development of Number sense

- Recognizing the primacy of Early Education
Need of FLN

Low learning levels

Increased drop-out rate

Inappropriate language and mathematical skills

Class 3

- Number of schools sampled: 41,059
- Number of students sampled: 6,56,133
- Number of teachers sampled: 83,536

- Language: 67% Average Performance of Students
- Mathematics: 63% Average Performance of Students
- EVS: 64% Average Performance of Students

Class 5

- Number of schools sampled: 41,120
- Number of students sampled: 6,96,686
- Number of teachers sampled: 87,585

- Language: 58% Average Performance of Students
- Mathematics: 53% Average Performance of Students
- EVS: 56% Average Performance of Students
Implementation of Universal FLN

Setting up of National Mission by MHRD

Team

To be prepared by State/UT governments

Universal FLN by 2025

Highest Priority to Universal FLN
Curricular Expectations

MATHEMATICAL THINKING
- Numeracy
- Number sense
- Spatial understanding

PEDAGOGY (should include play-way and experiential ACTIVITIES)

RESOURCES Locally developed as per National Guidelines

FORMATIVE ASSESSMENT ADAPTIVE ASSESSMENT
- Reading with comprehension
- Writing with understanding
- Speaking with coherent thought
SPM – School Preparation Module
Preparatory Class or ‘BALVATIKA’

- 3 months play-based interim for all Grade 1 students. "Balvatika"

- Activities and workbooks around
  - Sounds,
  - words,
  - Alphabets,
  - Colors, Shapes and Numbers involving collaborations with peers and parents.

Material

- To be developed by NCERT & SCERT

Where?

- Stand alone Anganwadis
- Anganwadis co-located with schools
- Pre-primary schools
- Standalone pre-schools
GROUP DISCUSSION

7+0=7
3+4=7
5+2=7
6+1=7

5+2=7
Health and Nutrition

Regular health check-ups and health card.

Boosting mental and physical health

Energizing Breakfast in addition to mid-day meal.
Setting up of School and Public Libraries in remote areas

Digital Libraries for all

Workbooks and activity material

National Book Promotion Policy

Resources: For Foundational Literacy & Numeracy

- Learning Kit
- Play-based material

To ensure the availability, accessibility, quality and readership of books.

- By Schools
- By community
- By local Government

- DIKSHA
- e-pathshala
- NROER
National Repository of Open Resources

Energised textbooks with QR code

High-quality Resources

e-Books

e-Content

e-Courses

e-Library
Assessment

- Adaptive Assessment
- Formative Assessment

Learning outcomes Assessment is joyful and integrated to pedagogy

Assessment for learning
- Assessment in learning
- Assessment as learning
- Assessment of learning