

MAJOR COMPONENT- Quality Interventions
SUB-COMPONENT- Support at Pre-Primary Level
ACTIVITY MASTER- Pre-Primary (Recurring)
ACTIVITY- Support at Pre-Primary Level

1.Progress Report in r/o Support at Pre-Primary Level 2019-20

Support at Pre-Primary level in the year 2019-20

PAB (2019-20) approved two activities under this component and an amount of Rs.188.0592 was allocated for this component of supporting Pre-Primary children in 1392 schools of NCT Delhi.

The activities undertaken were:

- (i) Making provision of Play/Self Learning Material
- (ii) 5-day In-service Orientation of Pre-Primary Teachers.

The Target Group was 1401 Govt. Schools having Pre-Primary Sections.

The suggested list of play/self learning material and the guidelines for procurement of play material was circulated to all schools so that the suggested play material could be procured either through GeM or from open market after constituting a purchase committee at school level. An amount of Rs. 11848/- each was released to 1401 schools.

5-day In-service Orientation workshop of Pre-Primary Teachers of DoE, MCD, NDMC and DCB was conducted by SCERT to familiarize teachers with various play activities and to orient teachers in the pedagogy of teaching-learning process and to develop play-material as per the curriculum of pre-primary level.

An amount of Rs.187.33469 Lac was incurred on the activities under the intervention of support at pre-primary level.

2.Proposal for Support at Pre-Primary Level in AWP&B 2020-21

Support at Pre-Primary Level

The proposals for Pre-primary education are related to provisions for appropriate curriculum; play based learning activities and pedagogical practices.

Provisions for Pre-Primary Schools

- A. Provision for Preschool Curriculum,**
- B. Guidelines & Resource Package for Awareness in ECCE Manual**
- C. Activity Kits for playful Learning activities**

Objective:

The proposal is aimed at preparing teachers to further help children:

- i. In getting adjusted with the school environment.
- ii. To build a sound foundation for good health, healthy habits and hygiene.
- iii. To become effective communicators.
- iv. For a smooth transition from pre-school to primary school.
- v. To be able to make children learn using robotic activity kit.

Target Group:

Pre-Primary classes of 1521 Government Schools.

Rationale:

Early childhood is a sensitive period that lays the foundation for childrens' physical, cognitive, language and socio-emotional development. A significant investment in early childhood is therefore, crucial. In order to address the socio-emotional, nutritional, Health and Educational development of young children, it is important to orient teachers in various aspects of child development. Therefore, the

proposal is being placed for making Provision for Preschool Curriculum, Guidelines and Resource package for Awareness in ECCE Manual along with Activity Kit.

Strategy:

- Provision of 1 set of Preschool Curriculum, Guidelines and Resource package for Awareness in ECCE Manual along with Activity Kit to all 1521 Govt. and Govt. Aided Schools.
- 5-day orientation of Pre-Primary Teachers.

Financial Implications:

(Fin. In lac)

Activity Proposed	Unit Cost	Physical	Fin.
i. Provision for Pre- school Curriculum, Guidelines and Resource package for Awareness in ECCE Manual	Rs. 270/-	1521 schools	4.10670
ii. ECCE Awareness and Activity Kit	Rs. 12,500/-	1521 schools	190.12500
iii. Robotic Joyful Learning Kit	Rs. 16,000	1521 x 2 = 3042	486.72000
Total			680.95200

(Fin. In lac)

Sl.	District	TOTAL	Unit Cost	Fin.
1	East	168	0.4477	75.214
2	North East	124	0.4477	55.515
3	North	115	0.4477	51.486
4	North West A	197	0.4477	88.197
5	North West B	216	0.4477	96.703
6	West A	109	0.4477	48.799
7	West B	101	0.4477	45.218
8	South West A	68	0.4477	30.444
9	South West B	103	0.4477	46.113
10	South	103	0.4477	46.113
11	South East	107	0.4477	47.904
12	New Delhi	34	0.4477	15.222
13	Central	76	0.4477	34.025
Total		1521		680.95

Expected Learning Outcome:

With the help of the activities taken up ECCE Awareness Kit, the teachers will be able to:

- Prepare the child with the school
- Enable a sound foundation for good health, healthy habits and hygiene for children.

- Enable children become effective communicators.
- Enable a smooth transition of children from pre-school to primary school.

3.Recommendation of Technical Support Group (TSG)

Support at Pre-Primary level(Early Childhood Education)

Introduction: The first six years of life are critical since the rate of development in these years is more rapid than at any other stage in an individual's life. 90% of brain development has already taken place by the time a child is six years of age making the early years a particularly crucial stage for intervention.

The childhood education programme is based on learning by play. Through studies it is observed that from birth to age five the brain develops more rapidly than at any other stage of life, and it is also most sensitive to influence from the external environment (such as cognitive stimulation, language development, care, imagination etc.).

Early Childhood Education (ECE) makes a positive contribution to children's long-term development and learning by facilitating an enabling and stimulating environment in these foundation years of lifelong learning. Recent evidence from an Indian study confirms that a good quality ECE programme during these critical years can lead to the child's holistic development, which in turn leads to improved levels of school readiness which finally leads to higher level of learning levels in primary grades. Children who attend pre-school education have higher school completion rates, lower repetition rates, higher score in reading and math and higher labour market productivity.

Status of Pre-School Education in the State 2019-20

UT is implementing pre-primary education by Montessori model. As per UDISE 2018+ total 2157 schools have pre-primary sections attached in primary schools in which 88920 children are enrolled. As mentioned by UT, Nursery Teachers who are qualified NTT teachers have been working in schools where pre-primary classes are there.

Activity Conducted by state

UT has been provided Non-recurring fund to schools for purchase of play equipment as well as recurring fund for purchase of play materials, stationary, scribbling books for children. SCERT organized 5day orientation program for pre-primary teachers in year 2018-19 as well as in 2019-20.

		Progress 2019-20					
	Target (2019-20)		Achievements as on March 2020		% of Achievement		
Interventions	Physical	Financial (In Lakh) Approved	Physical	Financial (In Lakh)	Physical	Financial	Remarks
Training of AWWs	-	-	-	-	-	-	-
Training of PP Teachers	1392	48.945	1392	48.945	100%	100%	
Workshop on ECE							
Curriculum Development							
TLM	1392	139.20	1392	139.20	100%	100%	
Child Friendly furniture, Play equipments under Non-Recurring							
Any other (pl. specify)							

		Proposal 2020-2021	Recommendation 2020-2021	
--	--	--------------------	--------------------------	--

Sl. No.	Activities under Recurring for New Schools	Phy	Unit Cost (Lakhs)	Total financial (In lakhs)	Phy	Unit Cost (Lakhs)	Total financial (In lakhs)	Appraiser's Remarks
1	Provision for Pre-school Curriculum	1521	0.0027	4.1067	1521	0.0027	4.1067	
2	ECCE Awareness and Activity Kit	1521	0.125	190.125	1521	0.12197	185.51637	
3	Robotic Joyful Learning Kit	1521	0.16	486.72	1521	0.16	243.36	Recommended for 1 kit per school
Total		1521	0.4477	680.9517	1521	0.28467	432.98307	
Sl. No.	Activities under Non Recurring	Phy	Unit Cost (Lakhs)	Total financial (In lakhs)	Phy	Unit Cost (Lakhs)	Total financial (In lakhs)	Appraiser's Remarks
1	Setting up of Activity room/corner in pre-primary classes by providing magnetic boards and kits to schools	2157	0.025	53.925	0	0	0	Not recommended as UT had already got non-recurring support for these schools in 2018-19.
Total		2157	0.025	53.925	0	0	0	
Grand Total				734.8767			432.98307	

Note: For recurring activities UT has proposed for total 680.9517 lakh and for non-recurring total 53.925 lakh was proposed. Rest of the proposals as reflected in the costing sheet on pms has been inadvertently proposed in pre-primary.

The proposals for Pre-primary education are related to provision for appropriate curriculum, play based learning activities and pedagogical practices.

- A. Provision for Preschool Curriculum,**
- B. Guidelines & Resource package for Awareness in ECCE Manual**
- C. Robotic Activity Kits for playful learning activities.**

Objective:-

The proposal is aimed to prepare teachers to further help children:-

- i. In getting adjusted with the school environment.
- ii. To build a sound foundation for good health, healthy habits and hygiene.
- iii. To become effective communicators.
- iv. For a smooth transition from pre-school to primary school.
- v. To be able to make children learn using robotic activity kit.

Rationale:-

Early childhood is a sensitive period that lays foundation for children's physical, cognitive, language and socio-emotional development. A significant investment in early childhood is therefore, crucial. In order to address the socio-emotional, nutritional, Health and Educational development of young children, it is important to orient teachers in various aspects of child development. Therefore, the proposal is being placed for making Provision for Preschool Curriculum, Guidelines and Resource package for Awareness in ECCE Manual along with Activity Kit.

Strategy:-

- Provision of 1 set of Preschool Curriculum, Guidelines and Resource package for Awareness in ECCE Manual along with Activity Kit to all 1521 Govt. and Govt. Aided Schools.
- 5-day orientation of Pre-Primary Teachers.

Expected Learning Outcome –

With the help of the activities taken up ECCE Awareness Kit, and the robotic learning kit, the teachers will be able to:-

- Prepare the child with the school
- Enable a sound foundation for good health, healthy habits and hygiene for children.
- Enable children become effective communicators.
- Enable a smooth transition of children from pre-school to primary school.

Details of Activity no. 3 Robotic Activity Kits for playful learning activities

Provisions for Pre-Primary Schools

Activity No.1 Introducing Robotic at Elementary Level in the Government School, TWEAK as a support to learning for Pre- Primary children

Objective:-

The use of Tweak in the classroom and intended outcomes of Robotics Labs is as under:-

- i. Enable easy understanding of basic concepts.
- ii. Ignite curiosity and imagination.
- iii. Collaboration among students
- iv. Encourage creativity and critical thinking skills through observation.
- v. Expose to technology as a tool of learning



Rationale:-

Using Tweak is the best practical way to equip students with 21st-century skills with the help of innovative learning materials. This helps in improving schools digital equity and economic development. It helps to connect children with formal education without any stress.

Expected Learning Outcomes:

With the help of this activity room/ corner, the children will be able to-

1. Identify animals, colours, shapes, birds, vegetables etc.
2. Create objects with different shapes.
3. Work as a Team.
4. Learning by seeing, observing and doing.

Transit themselves smoothly from pre-school to primary school.

4.Costing of Project Approval Board (PAB)

Sub Component	Activity Master	Level	Physical	Unit Cost	Financial (In lac)
Support at Pre-Primary Level	Pre-Primary (Recurring)				
	Robotic Joyful Learning Kit		1521	0.4477	680.952
	Total of Pre-Primary (Recurring)				680.952