

MAJOR COMPONENT - Quality Interventions

SUB-COMPONENT - Learning Enhancement Programme

ACTIVITY MASTER - LEP (Class I- II), LEP (Class III- V), LEP (Class VI - VIII)

ACTIVITY - LEP (Class I- II), LEP (Class III- V), LEP (Class VI - VIII)

1.Progress Report in r/o LEP (Class I- II), LEP (Class III- V), LEP (Class VI - VIII) -2019-20

Learning Enhancement Programme (LEP) /Remedial activity for Class I & II

Provision of Workbooks in Hindi and English Language for Class I & II

Keeping in view, the report of National Achievement Survey conducted on children of Class III, V & VIII of Delhi state in all the subjects, it was felt that continuous remedial practice (with worksheets) should be given to children right from Class I. Therefore, it was proposed that workbooks may be provided to children of Class I & II to enhance the language abilities of children at early primary stage.

PAB (2019-20) approved the provision of workbooks for children of Class I & II for Govt. schools to Strengthen Language Skills. An amount of Rs.47.2176 Lac was approved to carry out this proposed activity in which an expenditure of Rs.16.40943 lac in respect of 34432 students was incurred.

These workbooks were developed by the team of experts at SCERT Delhi and were got printed by DBTB and 5 copies each of English and Hindi language workbooks for Class I and II were distributed in 1714 Govt. and Govt. Aided schools of MCD, NDMC and DCB.

Learning Enhancement Programme (LEP) /Remedial activity for Class III to V

Provision of books of collection of poems in Hindi and English for Class V

Poetry and poem recitation is significant for young readers. Researchers have shown that poetry motivates children to read, build essential skills like phonetic awareness, vocabulary, fluency, expression and creative imagination. Reading & recitation of poems, not only provide enjoyment but also help children practice voice modulation, intonation and variation in pitch. Though poetry has a definite place in the curriculum at elementary level, yet the text books have a limited number of poems to provide a variety of genre for children to read & enjoy.

PAB (2019-20) approved the provision of Books of Poems in Hindi and English for Students of Class V of Govt. and Govt. aided schools. An amount of Rs. 436.4917 Lac was recommended to carry out this proposed activity and expenditure Rs. 432.1700 lac was incurred.

The total numbers of children are:

Management	DOE	DOE Aided	MCD	MCD Aided	NDMC	NDMC Aided	DCB	Total Schools
Schools	1019	208	1692	43	46	3	6	3017
Total Children in Class- V	24906	7667	178574	2080	2393	129	336	216085

2.Proposal for LEP (Class I- II), LEP (Class III- V), LEP (Class VI - VIII) in AWP& B-2020-21

Proposal-11(a): Foundation Literacy & Numeracy Program & Remedial teaching for class I & II:

Provision of Workbooks at Primary Level

Imparting basic numeracy and Literacy skills to all the children at primary level is essential to lay a sound foundation of education. Keeping this objective in focus, the following are being proposed:

Objective:

The present proposal is aimed at

- i. Strengthening learning abilities in language and mathematics through practice
- ii. Providing supplementary support to children
- iii. Improving learning outcomes

Rationale:

As a remedial measure, it is important to provide supplementary support to children in the form of workbooks, so that they can practice on their own. Therefore, for the year, 2020-21, the focus will be on providing self learning support material to children besides text books. The provision for workbooks for Classes III to V in English, Hindi, Mathematics and EVS is already there in the schools of Directorate of Education. These workbooks are being proposed for children of MCDs and other local bodies' schools so that these children may also benefit by learning through practice.

In order to continue the efforts for remedial activities, the proposals are forwarded for Primary classes.

Proposed Activity No. 1: Workbooks for children for Class I & II**District-wise Financial Implications for provision of workbooks for Govt. & Govt. Aided schools of MCD and Local bodies:****(Fin. In lac)**

Sl.No.	District	Classes	Category-wise /Enrolment								Physical Target	Unit Cost	Fin.	
			DOE	DOE Aided	MCD	MCD Aided	NDMC	NDMC Aided	DCB	DSW				Total (In Lacs)
1	East	Class I	3169	246	8529	367	0	0	0	0	12311	100	1231100	27.694

		Class II	3380	326	11238	439	0	0	0	0	15383	100	1538300	
2	North East	Class I	2212	388	11293	34	0	0	0	0	13927	100	1392700	31.264
		Class II	2346	384	14570	37	0	0	0	0	17337	100	1733700	
3	North	Class I	1513	1229	3952	35	0	0	0	0	6729	100	672900	14.733
		Class II	1572	1382	4990	60	0	0	0	0	8004	100	800400	
4	North West A	Class I	1592	208	13448	10	0	0	0	0	15258	100	1525800	33.459
		Class II	1797	205	16181	18	0	0	0	0	18201	100	1820100	
5	North West B	Class I	4091	66	12772	0	0	0	0	18	16947	100	1694700	36.203
		Class II	4185	83	14964	0	0	0	0	24	19256	100	1925600	
6	West A	Class I	1695	197	5904	207	0	0	0	0	8003	100	800300	17.797
		Class II	1781	256	7516	241	0	0	0	0	9794	100	979400	
7	West B	Class I	2186	304	9514	0	0	0	0	0	12004	100	1200400	26.309
		Class II	2190	317	11798	0	0	0	0	0	14305	100	1430500	
8	South West A	Class I	1186	671	2849	81	0	0	339	0	5126	100	512600	11.186
		Class II	1313	771	3484	81	0	0	411	0	6060	100	606000	
9	South West B	Class I	1745	0	7057	0	0	0	0	0	8802	100	880200	19.294
		Class II	1727	0	8765	0	0	0	0	0	10492	100	1049200	
10	South	Class I	1513	166	5356	149	0	0	0	0	7184	100	718400	15.526
		Class II	1505	189	6478	170	0	0	0	0	8342	100	834200	
11	South East	Class I	1924	339	8440	61	0	0	0	0	10764	100	1076400	24.180
		Class II	1986	389	10949	92	0	0	0	0	13416	100	1341600	
12	New Delhi	Class I	80	1055	0	0	2418	108	0	0	3661	100	366100	7.505
		Class II	108	1240	0	0	2397	99	0	0	3844	100	384400	
13	Central	Class I	781	999	2129	629	0	0	0	0	4538	100	453800	9.78
		Class II	822	1176	2567	677	0	0	0	0	5242	100	524200	
Grand Total			48399	12586	204743	3388	4815	207	750	42	274930	100	27493000	274.93

Source: U-DISE+ 2018-19

Proposal 11 (b):

Provision of Workbooks in English, Hindi, Maths for Classes III, IV & V

Rationale:

The National Achievement Report-2017 shows that the performance of Delhi school children at Elementary level in Language ,Maths and EVS is below the National average score as reflected in the table given below:-

Summary of NAS Scores for Schools of Delhi

S.No.	Subject	Class- III		Class - V		Class - VIII	
		State Score	Average National Score	State Score	Average National Score	State Score	Average National Score
1.	Language	58	68	52	58	55	57
2.	Maths	54	64	44	53	32	42
3.	EVS	55	65	49	57	-	-
4.	Science	-	-	-	-	34	44
5.	Social Science	-	-	-	-	36	44

Source: NAS Report 2017

Strategy:

As a remedial activity, workbooks in all these three subjects are being proposed for all children studying in Govt. & Govt. Aided schools of DoE & other local bodies. These workbooks will be distributed to all the children as per the enrolment reflected in UDISE 2018-19. The detailed proposal is as follows:

Financial Implications:

(Fin. In lac)

S.No.	Category-wise /Enrolment										Physical Target	Unit Cost	Fin.	
	District	Classes	DOE	DOE Aided	MCD	MCD Aided	NDMC	NDMC Aided	DCB	DSW			(100 X 3 Books (Eng., Hindi and Maths)	Fin.
1	East	Class III	3591	320	13892	460	0	0	0	0	18263	100	5478900	189.381
		Class IV	3757	341	16611	471	0	0	0	0	21180	100	6354000	
		Class V	3974	373	18820	517	0	0	0	0	23684	100	7105200	
2	North East	Class III	2463	339	19539	41	0	0	0	0	22382	100	6714600	245.481
		Class IV	2604	421	23957	43	0	0	0	0	27025	100	8107500	
		Class V	2637	399	29340	44	0	0	0	0	32420	100	9726000	
3	North	Class III	1640	1446	5908	71	0	0	0	0	9065	100	2719500	90.84000
		Class IV	1698	1557	6726	65	0	0	0	0	10046	100	3013800	
		Class V	1632	1691	7767	79	0	0	0	0	11169	100	3350700	

		V												
4	North West A	Class III	1787	217	18564	19	0	0	0	0	20587	100	6176100	201.108
		Class IV	1952	253	20243	29	0	0	0	0	22477	100	6743100	
		Class V	1996	265	21683	28	0	0	0	0	23972	100	7191600	
5	North West B	Class III	4267	126	17295	0	0	0	0	22	21710	100	6513000	215.532
		Class IV	4084	129	19893	0	0	0	0	17	24123	100	7236900	
		Class V	3994	158	21839	0	0	0	0	20	26011	100	7803300	
6	West A	Class III	1878	286	8238	207	0	0	0	0	10609	100	3182700	103.026
		Class IV	1942	307	8757	245	0	0	0	0	11251	100	3375300	
		Class V	1924	296	9982	280	0	0	0	0	12482	100	3744600	
7	West B	Class III	2246	279	13845	0	0	0	0	0	16370	100	4911000	169.758
		Class IV	2326	284	16259	0	0	0	0	0	18869	100	5660700	
		Class V	2434	284	18629	0	0	0	0	0	21347	100	6404100	
8	South West A	Class III	1338	788	4070	58	0	0	381	0	6635	100	1990500	64.170
		Class IV	1414	796	4450	69	0	0	377	0	7106	100	2131800	
		Class V	1425	848	4964	75	0	0	337	0	7649	100	2294700	
9	South West B	Class III	1650	0	10034	0	0	0	0	0	11684	100	3505200	114.747
		Class IV	1670	0	10862	0	0	0	0	0	12532	100	3759600	
		Class V	1700	0	12333	0	0	0	0	0	14033	100	4209900	
10	South	Class III	1518	197	7479	178	0	0	0	0	9372	100	2811600	93.858
		Class IV	1463	175	8489	194	0	0	0	0	10321	100	3096300	
		Class V	1454	192	9747	200	0	0	0	0	11593	100	3477900	
11	South East	Class III	2039	385	13196	111	0	0	0	0	15731	100	4719300	161.334
		Class IV	2036	387	15328	114	0	0	0	0	17865	100	5359500	
		Class V	1790	404	17890	98	0	0	0	0	20182	100	6054600	
12	New Delhi	Class III	99	1271	0	0	233 0	79	0	0	3779	100	1133700	35.091
		Class IV	109	1335	0	0	234 2	85	0	0	3871	100	1161300	
		Class V	140	1461	0	0	235 1	95	0	0	4047	100	1214100	
13	Centra I	Class III	913	1196	2584	757	0	0	0	0	5450	100	1635000	52.299
		Class IV	890	1269	2871	811	0	0	0	0	5841	100	1752300	
		Class V	926	1373	3024	819	0	0	0	0	6142	100	1842600	

Grand Total		77400	2184 8	4651 08	608 3	702 3	259	10 95	59	578875	300	173662500	1736.625
--------------------	--	-------	-----------	------------	----------	----------	-----	----------	----	--------	-----	-----------	----------

Source: U-DISE+ 2018-19

Expected Learning Outcome:

The proposed remedial activities will help the children to:

- a) Practice on their own
- b) Engage themselves purposefully in self learning activities
- c) Strengthen literacy and numeracy skills
- d) Comprehend the concepts of language and mathematics in a better way.

Proposal 11 (c):

Provision of NCERT developed Exemplar problems in Mathematics and Science for Classes VI, VII and VIII (Elementary Level)

Objective:

The Objective of the present proposal is aimed at:

- a) Providing authentic, standards-based tasks for children in Maths and Science.
- b) Engaging students and promoting reasoning and communication.
- c) Providing the teachers and students a large number of quality problems.
- d) Facilitating teaching & learning of concepts in Maths and Science according to different cognitive levels.

Rationale:

The activity has been proposed as a remedial step for enhancement of learning achievements of children in Science and Mathematics. These Exemplar problems books have been developed and published by NCERT which are based on text books of class VI, VII and VIII.

District-wise Financial Implications:

(Fin. In lac)

	Category-wise /Enrolment	Physical Target	Unit Cost	Financial

S.No.	District	Classes	DOE	DOE Aided	NDMC	NDMC Aided	DCB	DSW		Rs. 100/- (Rs. 50 X 2 Book (Maths, Science))		Fin.
1	East	Class VI	21946	320	0	0	0	0	22266	100	2226600	67.233
		Class VII	22049	341	0	0	0	0	22390	100	2239000	
		Class VIII	22204	373	0	0	0	0	22577	100	2257700	
2	North East	Class VI	32847	339	0	0	0	0	33186	100	3318600	102.011
		Class VII	32883	421	0	0	0	0	33304	100	3330400	
		Class VIII	35122	399	0	0	0	0	35521	100	3552100	
3	North	Class VI	8765	1446	0	0	0	0	10211	100	1021100	30.821
		Class VII	8782	1557	0	0	0	0	10339	100	1033900	
		Class VIII	8580	1691	0	0	0	0	10271	100	1027100	
4	North West A	Class VI	23104	217	0	0	0	11	23332	100	2333200	70.834
		Class VII	23478	253	0	0	0	8	23739	100	2373900	
		Class VIII	23481	265	0	0	0	17	23763	100	2376300	
5	North West B	Class VI	26418	126	0	0	0	16	26560	100	2656000	80.310
		Class VII	26384	129	0	0	0	20	26533	100	2653300	
		Class VIII	27041	158	0	0	0	18	27217	100	2721700	
6	West A	Class VI	12110	286	0	0	0	0	12396	100	1239600	35.966
		Class VII	11352	307	0	0	0	0	11659	100	1165900	
		Class VIII	11615	296	0	0	0	0	11911	100	1191100	
7	West B	Class VI	22086	279	0	0	0	0	22365	100	2236500	67.748
		Class VII	21985	284	0	0	0	0	22269	100	2226900	
		Class VIII	22830	284	0	0	0	0	23114	100	2311400	
8	South West A	Class VI	6193	788	0	0	335	0	7316	100	731600	21.935
		Class VII	6005	796	0	0	293	0	7094	100	709400	
		Class VIII	6379	848	0	0	298	0	7525	100	752500	
9	South West B	Class VI	14199	0	0	0	0	0	14199	100	1419900	42.748
		Class VII	14176	0	0	0	0	0	14176	100	1417600	
		Class VIII	14373	0	0	0	0	0	14373	100	1437300	
10	South	Class VI	13770	197	0	0	0	0	13967	100	1396700	42.611
		Class VII	13760	175	0	0	0	0	13935	100	1393500	
		Class VIII	14517	192	0	0	0	0	14709	100	1470900	
11	South East	Class VI	20174	385	0	0	0	32	20591	100	2059100	64.504
		Class VII	20477	387	0	0	0	32	20896	100	2089600	
		Class VIII	22590	404	0	0	0	23	23017	100	2301700	
12	New Delhi	Class VI	242	1271	2370	0	0	0	3883	100	388300	11.639
		Class VII	257	1335	2281	0	0	0	3873	100	387300	
		Class VIII	290	1461	2132	0	0	0	3883	100	388300	

13	Central	Class VI	3574	1196	0	0	0	40	4810	100	481000	14.179
		Class VII	3372	1269	0	0	0	45	4686	100	468600	
		Class VIII	3258	1373	0	0	0	52	4683	100	468300	
Grand Total			622668	21848	6783	0	926	314	652539		65253900	652.539

Source: U-DISE+ 2018-19

Expected Learning Outcome:

With the help of the activity, the children will be able to:

- Practice with authentic and standardised task in Maths and Science
- Develop reasoning and communication skills
- Enhance learning achievement in Science and Maths.

Total Proposed budget of LEP (Class I to VIII) (11. a, 11. b, 11. c)

(Fin. In lac)

Sl.	District	LEP- Activity No. 1 Workbooks for children for Class I & II	LEP- Activity No. 2 Provision of Workbooks in English, Hindi, Maths and EVS for Class III, IV & V	Proposal No. 3 Provision of Exemplar problems in Mathematics and Science for Classes VI, VII and VIII (Elementary Level)	Fin.
1	East	27.694	189.381	67.233	284.308
2	North East	31.264	245.481	102.011	378.756
3	North	14.733	90.84	30.821	136.394
4	North West A	33.459	201.108	70.834	305.401
5	North West B	36.203	215.532	80.31	332.045
6	West A	17.797	103.026	35.966	156.789
7	West B	26.309	169.758	67.748	263.815
8	South West A	11.186	64.17	21.935	97.291
9	South West B	19.294	114.747	42.748	176.789
10	South	15.526	93.858	42.611	151.995
11	South East	24.18	161.334	64.504	250.018
12	New Delhi	7.505	35.091	11.639	54.235
13	Central	9.78	52.299	14.179	76.258
Grand Total		274.93	1736.625	652.539	2664.094

3.Recommendation of Technical Support Group (TSG)

LEP (Class III - V) Remedial Teaching	436.492	432.17	578875	1736.63	165271	495.813	As per U-DISE+ the total enrollment is 550903 Class III-162888+ Class IV-183193+ Class V-204822). Considered 165271 students which is 30% of the enrollment as per the proposed cost @ Rs. 300/student.
LEP (Class VI - VIII) Remedial Teaching	0	0	652539	652.539	189207	189.207	As per U-DISE+ the total enrollment is 630691 Class VI-208232 + Class VII-207639 + Class VIII-214820). Considered 189207 students which is 30% of the enrollment as per the proposed cost @ Rs. 300/student.

4.Costing Sheet of Plan Approval Board

Sub Component	Activity Master	Level	Physical	Unit Cost	Financial (In lac)
Learning Enhancement Programme	LEP (Class I - II)				
	Workbook for Mathematics		274930	0.001	274.93
	Total of LEP (Class I - II)				274.93
	LEP (Class III - V)				
	Workbooks in English, Hindi, Maths and EVS		578875	0.003	1736.625
	Total of LEP (Class III - V)				1736.625
	LEP (Class VI - VIII)				
	Exemplar problems in Mathematics and Science		652539	0.001	652.539
	Total of LEP (Class VI - VIII)				652.539