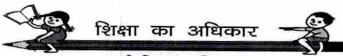शिक्षा का अधिकार

सर्व शिक्षा अभियान
सब पढ़ें सब बढ़ें
SAMAGRA SHIKSHA
OFFICE OF THE U.E.E. MISSION
(A Society Under Education Department, Govt. of NCT of Delhi)
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Ph.23810361, 23810647, Tele Fax:-011 23811442
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No DE/29/7/UEEM/REMS/SS/2019-20/ 3817-61 Dated:- 1|1|2021

CIRCULAR

Sub: **Enhancement of Mathematical Calculation Skills with the help of Abacus under Sub Component- Rashtriya Avishkar Abhiyan of Major Component- Quality Interventions under Samagra Shiksha FY 2020-21.**

Abacus is a simple tool or a hardware used for performing rapid arithmetic calculations. The best age to learn Abacus is 8-10 years, as at this age, the brain is most active and learns phenomenally.

In the year 2019-20, 5440 children of class IV of 1088 Govt. schools of DOE and local bodies having Primary sections were oriented for 3-days in strengthening mathematical skills through Abacus kit. The 3-day workshop was held in 136 Clusters and all the participating schools were given one Abacus kit each. The participating teachers as well as 5 children of one school were provided orientation so that they could further enhance the mathematical skill of the rest of children in their schools.

In the year 2020-21, the PAB approval is for 136 Govt. and Govt. aided schools having primary sections, for children of class IV at 136 clusters.

1. The approved Physical and Financial outlay is as under:

Activity Name	Physical Target (No. Of clusters)	Unit Cost (Rs. In lac)	Financial Outlay (Rs. In lac)
Maths Kit/ Enhancement of Mathematical Calculation Skills with the help of Abacus	136 clusters	0.01660	2.26

01/01/2021

2. Guidelines for conducting the activity:

2.1 The activity will involve '**Provision of Abacus kit and Teacher Training under RAA**' at cluster level.

2.2 List of 136 schools wherein the abacus kit will be provided is placed at **Annexure I.**

2.3 272 Abacus Kits will be procured at State Level and delivered to the respective districts for further distribution to the schools (**2 kit per school**) at cluster level.

2.4 Abacus kits to be used by class IV teacher of respective schools to teach his/her students in class.

Instructions to DURCCs:

2.5 All DURCCs are directed to collect the Abacus kit from SS-HQ and further distribute them in schools at cluster level (List of Schools placed at **Annexure-I**).

2.6 To conduct cluster-wise virtual Abacus training for teachers of Class IV (List of teachers placed at **Annexure II).**

2.7 To ensure the training sessions to be given by Resource Persons from concerned DIETs.

2.8 To ensure that online sessions given by Resource Persons should be recorded online for future reference.

2.9 To share the list of Resource Persons and Schedule of training session with SS-HQ by **11th January'2021.**

2.10 The trained teachers to further impart abacus training to their respective class IV students virtually.

2.11 A Feedback regarding the virtual training of teachers to be taken from CRCCs, and Teachers placed at **Annexure III &IV** respectively after the completion of the activity.

3. Suggested Modules for Abacus Teacher Training (meant for students of Class IV) :

3.1 Introduction to Abacus

3.2 Operations of Digits at Unit Place

3.3 Operation of Digits at Tens Place

3.4 Introduction of Speed Sums

3.5 Operation of Single Digits and Double Digits

4 Expected Outcomes:

4.1 Speed and Accuracy in complex calculations

4.2 Improved Concentration

4.3 Enhanced Memory and Retention power.

5 Financial Norms

Details of expenditure for **Enhancement of Mathematical Calculation Skills with the help of Abacus** in primary schools are given below:

5.1 Financial Norms per Cluster:

S. No.	Particulars	Unit cost (Rs.)	Total Outlay(Rs.)
1.	Payment for one RP @800/-	800	800
2.	Provision of Abacus kit for class IV students(2 Kit per School)	430*2	860
Total			**1660**

5.2 The Abacus Kit will be procured at State Level and will be delivered to districts for further distribution to clusters. Hence the amount to be released per cluster is Rs 800/- for conducting online training/workshop for teachers of 136 clusters.

5.3 District-wise bifurcation for Online training/workshop of teachers:

S. No	District	Physical Target (No. Of Clusters)	Unit cost (Rs.) (per cluster)	Financial Outlay (Rs.)
1	East	16	800	12800
2	North East	20	800	16000
3	North	8	800	6400
4	North West A	12	800	9600
5	North West B	15	800	12000
6	West A	8	800	6400
7	West B	11	800	8800
8	South West A	5	800	4000
9	South West B	12	800	9600
10	South	8	800	6400
11	South East	11	800	8800

12	New Delhi	3	800	2400
13	Central	7	800	5600
	Total	**136**		**108800**

All the Heads of concerned schools mentioned in the list placed at **Annexure I** will initiate the activity and get it accomplished by **29th January,2021** complying with Covid-19 Guidelines regarding social distancing, sanitization etc and submit a compiled report of the activities undertaken w.r.t **"Enhancement of Mathematical calculation skills with the help of Abacus"** in schools along with **online recorded sessions** given to students to concerned DURCCs of their respective district through mail **by 15th February'2021.**

This is issued with the prior approval of the Competent Authority.

Encl:- As Above

01/01/2020

(Mohinder Pal)
Deputy Director Education
Samagra Shiksha

Copy to:-
1. Dy. Secretary (IS.7 Section), SE&L, Room No. 422, C-Wing, MHRD, Shastri Bhawan, New Delhi- 110005.
2. All DDEs/ DPOs
3. FCA-SS
4. Heads of concerned schools.
5. All the DURCCs with the directions for smooth conduct of online Abacus training of teachers.
6. OS (IT) with the directions to get the circular uploaded on Department's website.

No DE/29/7/UEEM/REMS/SS/2019-20/ 38 |7- 6| Dated:- 1/1/2021

Copy for information to:-
1. PS to Principal Secretary (Education)/Chairman EC-SS
2. PS to Director (Education)/Vice Chairman EC-SS
3. Director East/North/South MCD
4. CEO, Delhi Cantonment Board
5. Director, NDMC
6. Director, DSW
7. Guard File

01/01/2021

(Mohinder Pal)
Deputy Director Education
Samagra Shiksha