

Tamil Nadu Samagra Shiksha

From

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To

The Chief Educational Officers,
All districts.

RC. No.247/ B3/Clubs/ SS/2023, Date:18.12.2023.

Sub : Samagra Shiksha - Winter Workshops - Class 6 to 9 students
studying in Government school students -

Ref : 1. Proposals received from Red elephant Theatre Company,
Tiruvannamalai dated:
2. Proposals received from CTS, dated:
3. Proposal received from Bhumi NGO dated:

I wish to inform that with the aim to support government school students in improving their skills, it has planned to conduct a Winter workshop for government school students studying in the classes 6 to 9, as a pilot initiative from 26th December to 29th December 2023. This workshop focuses on equipping students with a diverse skill set, aims to ignite curiosity and unleash the full potential of each participant in a fun and supportive setting.

Winter Workshops- 2023-24

This winter workshop focuses on three key areas - **Basics of Theatre, Coding without Computer and Foundational Robotics**. The activities which have been planned to be imparted to the students during the workshop are detailed below:

1. In the **Basics of Theatre** workshop, students will embark on a journey of self-discovery through acting, scriptwriting, and performance. These sessions are designed not just to enhance public speaking and communication skills but also to nurture creativity and self-expression.
2. The **Coding Without Computers** programme is a distinctive initiative enabling students to learn and build code by using physical blocks and demonstrating the output of the code from within a Mobile app.
3. The **Robotics** sessions will immerse students in the world of automation and innovation, providing hands-on experiences in designing real-life socially benefitting bots and devices. The students also develop programming skills and increase their knowledge of electronics.

Winter workshop implementation

All three workshops are planned to be conducted in a residential mode for a span of 2 or 3 days. The workshops are hosted at 4 districts (centres), namely **Chennai, Coimbatore, Thanjavur** and **Ramanathapuram** and students from surrounding districts will be participating in it.

10 students per district and totally 80 students from 8 districts should participate in the workshop held in Thanjavur. 10 students each from 10 districts should participate in the workshops held at other 3 centers. The topics of the workshops, name of the centres, the districts attached to the 4 centers and the dates of workshops are detailed as follows.

S. No	Topic of the workshop	Centre	Districts Attached	Date
1	Basics of Theatre	Thanjavur	Total – 80 students 10 students per district 1. Thanjavur 2. Tiruvarur 3. Nagapattinam 4. Mayiladuthurai 5. Ariyalur 6. Perambalur 7. Cuddalore 8. Kallakurichi	27.12.2023, 28.12.2023 29.12.2023
2	Coding without Computers	Chennai	Total - 100 students 10 students per district 1. Chennai 2. Tiruvallur 3. Kanchipuram 4. Ranipet 5. Vellore 6. Chengalpattu 7. Villupuram 8. Tiruvannamalai 9. Tirupathur 10. Krishnagiri	26.12.2023 27.12.2023
		Coimbatore	Total - 100 students 10 students per district 1. Coimbatore 2. The Nilgiris	28.12.2023 29.12.2023

			3. Erode 4. Tiruppur 5. Dindigul 6. Karur 7. Namakkal 8. Tiruchirapalli 9. Salem 10. Dharmapuri	
3	Foundational Robotics	Ramanathapuram	Total - 100 students 10 students per district 1. Ramanathapuram 2. Pudukkottai 3. Sivagangai 4. Madurai 5. Theni 6. Virudhunagar 7. Thoothukudi 8. Tenkasi 9. Tirunelveli 10. Kanyakumari	27.12.2023 28.12.2023

Selection of students

In this case, a google form is developed for each topic of the workshop and the link is provided as follows:

S. No	Topics	Districts	Registration form
1	Basics of Theatre	Thanjavur	https://forms.gle/z3YeqRxNUPigUCgB6
2	Coding without Computers	Chennai	https://forms.gle/3jnUPNWjFWmXX7s17
		Coimbatore	https://forms.gle/iALmVTqcrxv8cDKx6
3	Foundational Robotics	Ramanathapuram	https://forms.gle/nu2N5RE8d9SvY1LL7

To select interested students to participate in the winter workshop, the CEOs of the respective districts are instructed to share the link of the assigned topic with the Government school teachers of classes 6-9 in middle, high and higher secondary schools. Teachers should fill and register the details of interested students as requested in the form. **This form will be open on 20.12.2023 and closed on 22.12.2023.**

The registration details will be compiled in the State Project Office of Samagra Shiksha and, the first 10 students' registrations will be selected and given an opportunity to participate in the workshop. **The details of the selected students will be shared to the CEOs on 22.12.2023**

General Instructions

- Students participating in the workshop must first obtain a letter of consent from their parents and submit it to the HM of the school concerned.
- One teacher for every 10 students should accompany the students to the district where the workshop is held. Female teachers should accompany, if girl students are participating the workshop.
- The CEOs should make necessary arrangements for providing food, accommodation to the students, teachers, Recourse persons and PMU who visits the program.
- Training rooms for workshop should also be arranged.
- The time table for the workshops are enclosed in the annexure - I
- The fund allocated for this workshop is enclosed in the annexure-II
- The details of the organisatio's and resource persons will be shared.
- The respective organization's resource persons will visit the centers to conduct this workshop. It is also requested to provide the Honorarium for them as detailed in the annexure.
- There is a field visit scheduled in Basics of Theatre workshop. Necessary logistics arrangement should be made for this visit.
- Robotics kits will be required for the Foundational robotics workshop at Ramanadhapuram. The CEO of the district concerned is informed to procure the kits following **the Tamil Nadu Transparency in Tenders Act.**
- Certificates should be given to all the participating students.

Hence all CEOs of the district concerned are informed to send the students to the workshop venue allocated for the district along with a teacher on the above-mentioned dates to enable the students to participate and benefit out of the workshop.

Enclosure: Annexure I & II


for State Project Director


12/12

ANNEXURE I

A. BASICS OF THEATRE - AGENDA

Time	Day 0	Day 1 (27.12.2023)	Day 2 (28.12.2023)	Day 3 (29.12.2023)
07:00 - 07:30 am	ARRIVAL TO VENUE	Warm-up activity	Voice practice/ training exercises	Voice practice/ training exercises
07:30 - 08:50 am		Freshen up & Breakfast	Freshen up & Breakfast	Freshen up & Breakfast
09:00 - 10:00 am		Ice breaker	Visit	Students performance
10:00 - 11:30 am		Introduction to the Workshop and participants Me, You, We & Why		
11:30 - 11:45 am		Tea break	Tea break	Tea break
11:45 - 01:00 pm		Introduction to Literature and Art Forms (Theatre) Discussion & Performance of experts - Writing (Poetry, stories, novels) - Performing arts (music, folk, acting, drama etc)	Cultivating Creativity - Story development for drama - Song composition - Costume designing (creating a simple costume) - Properties fabrication	Careers in alternate art fields (ppt)
01:00 - 02:00 pm		Lunch break	Lunch break	Lunch break
02:00 - 02:30 pm		Ice Breaker	Ice Breaker	Ice Breaker
02:30 - 04:00 pm		Actor & his body, mind and voice Body coordination, training vocal cords, pronunciation, facial expressions, stage presence	Creating a play/ drama - Musical theatre - Street theatre - Mainstream/ Commercial theatre - Puppet theatre	Feedback & Closing

Time	Day 0	Day 1 (27.12.2023)	Day 2 (28.12.2023)	Day 3 (29.12.2023)
04:00 - 04:30 pm		Tea Break	Tea Break	Tea Break
04:30 - 05:30 pm		Scene Work -Composing & presenting a scene (beginning to end)	Creating a play/ drama (contd.)	Departure
05:30 - 06:00 pm		Play a scene Video screening & discussion 'உப்பு (அ) NaCl	Play performance (Resource persons) 1. Environmental awareness 2. Play on அண்டா மழை - Story of Udayashankar	
05:30 - 06:00 pm		Reflections and discussions	Reflections and discussions	

B. CODING WITHOUT COMPUTERS - AGENDA

Chennai - 26.12.2023 & 27.12.2023 Coimbatore - 28.12.2023 & 29.12.2023

Time	Day 1	Day 2
09:30 - 11:00 am	Introduction to Workshop - Introduction to Computers <ul style="list-style-type: none"> • What is a Computer? • How are Computers are different from Humans • Hardware and Software, • Basic Parts of Computer • Basic Understanding of Programming Language • Introduction to Programming and Coding • What is a Programming Language? • What is Scratch Programming Language • Advantages and benefits of Scratch • Why Learning to Code important 	Control & Motion Blocks Introduction to Control Blocks <ul style="list-style-type: none"> • wait__secs • repeat__and end repeat • forever and Introduction to Motion Blocks <ul style="list-style-type: none"> • move__steps, • left turn__degrees • right turn__degrees • point in direction__
11:00 - 11:15 am	Tea break	Tea break
11:15 - 01:00 pm	Event & Look Blocks - Introduction to ProGame Kit Introduction to Event Blocks <ul style="list-style-type: none"> • when green flag clicked • when this sprite clicked • when ____ key pressed Introduction to Looks Blocks <ul style="list-style-type: none"> • say__for__secs, • say__ • think__for__secs, • think__ • hide, • show • change size by__, • set size to__% • next costume, • switch costume to__ ProGame Homework	Sound , Pen & Sensing Block Introduction to Sound Blocks <ul style="list-style-type: none"> • play drums ____ for ____ beats • rest for ____ beats • play note ____ for ____ beats • the set instrument to Introduction to Pen Blocks <ul style="list-style-type: none"> • Pen down, • clear, • set pen color to__ • change pen color by__ Introduction to Sensing Blocks <ul style="list-style-type: none"> • ask__and wait, • answer • touching edge?, • mouse down?
01:00 - 02:00 pm	Lunch break	Lunch break

Time	Day 1	Day 2
02:00 - 03:30 pm	Contd.	Contd.
03:30 - 03:45 pm	Tea Break	Tea Break
03:45 - 04:30 pm	Contd.	Contd.
04:30 - 05:30 pm	Reflections and Feedback	Reflections and Feedback + Closing

C. FOUNDATIONAL ROBOTICS

Time	Day 1 (26.12.2023)	Day 2 (27.12.2023)
07:00 - 09:15 am	Freshen up & Breakfast	Freshen up & Breakfast + Inauguration
09:30 - 10:00 am	Students Registration	
10:00 - 10:30 am	Introduction, Energizer and Student Grouping	Build your Own Robotics Model - By Students
10:30 - 11:00 am	Basics of STEM Kit components - An Introduction	
11:00 - 11:15 am	Tea break	
11:15 - 11:30 am	Basics of robotics: Introduction to the circuit, PCB, building circuits on a breadboard	
11:30 - 11:45 am		Tea break
11:45 - 01:00 pm		Robotic Project - Group-wise preparation
01:00 - 02:00 pm	Lunch break	Lunch break
02:00 - 03:30 pm	Learning Session: Batchwise topic finalisation and Demonstration by trainers	Showcasing Event : Display of Projects group-wise
03:30 - 03:45 pm	Tea Break	Tea Break
03:45 - 04:30 pm	DYI - Hands-on experience by students on building robotics model	Certificate Distribution & Reflections & Feedback
04:30 - 05:30 pm	Reflections and Feedback	Departure