

विपिन कुमार, भा.प्र.से.

अपर सचिव

Vipin Kumar, IAS

Additional Secretary



सत्यमेव जयते



समग्र शिक्षा
Samagra Shiksha

भारत सरकार
शिक्षा मंत्रालय
स्कूल शिक्षा और साक्षरता विभाग

Government of India
Ministry of Education
Department of School Education & Literacy

D.O. No. 10-105/2023-IS-15

Dated the 18th June, 2024

Dear Sir / Madam,

As you are aware, Atal Tinkering Labs (ATLs) have been established in 10,000 schools across the country with the objective of fostering creativity, innovation and problem-solving skills among students. To further integrate innovation into the fabric of education, it is proposed to integrate an **ATL period of 1 - 2 hours per week within the timetable of schools having ATLs**. The goals and vision of the ATL align with the National Education Policy 2020 (NEP) and play a pivotal role in implementing the 'Experiential and Project-Based Learning' model. This dedicated period would provide students with structured time to engage in hands-on tinkering activities, brainstorming sessions, and collaborative projects facilitated by ATL in-charges.

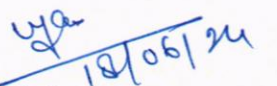
Schools may leverage the Tinkering Curriculum designed to provide students with a structured learning pathway for the development and honing of their innovation skills. (Link - <https://aim.gov.in/atl-tinkering-cirriculum.php>). This curriculum encompasses a wide spectrum of concepts, such as basic electronics, mechanics, data visualization, design thinking, 3D printing, AI and IoT. Further, schools may follow the ATL Calendar of Activities for the academic year 2024-25 (Link - <https://aim.gov.in/pdf/ATL-calendar.pdf>). This calendar serves as a comprehensive guide for teachers, outlining monthly activities, event, workshops, and competitions to take place at ATLs.

The inclusion of an ATL period within the timetable in schools having ATLs, along with the implementation of the ATL Calendar of Activities and Tinkering Curriculum, will enrich the educational experience of students and help them make the best use of ATLs in the upcoming academic year.

It is, therefore, requested to share a communication with all schools under your jurisdiction to include an ATL period within the timetable in schools having ATLs and make the best use of the Tinkering Curriculum and Calendar of Activities.

Best wishes.

Yours sincerely,


(Vipin Kumar)

1. The ACS/Principal Secretary/ Secretary, School Education (all the States and UTs).
2. State Project Directors, Samagra Shiksha (all the States and UTs).
3. Commissioner, KVS.
4. Commissioner, NVS.