

# ATAL TINKERING LAB

With a vision to 'Cultivate one Million children in India as Neoteric Innovators', Atal Innovation Mission is establishing Atal Tinkering Laboratories (ATLs) in schools across India. The objective of this scheme is to foster curiosity, creativity, and imagination in young minds; and inculcate skills such as design mindset, computational thinking, adaptive learning, physical computing etc.

ATL is a workspace where young minds can give shape to their ideas through hands on do-it-yourself mode; and learn innovation skills. Young children will get a chance to work with tools and equipment to understand the concepts of STEM (Science, Technology, Engineering and Math). ATL would contain educational and learning 'do it yourself' kits and equipment on – science, electronics, robotics, open-source microcontroller boards, sensors and 3D printers and computers. Other desirable facilities include meeting rooms and video conferencing facility.

In our vidyalaya ATL lab was set up in the year 2017 in the premises of Biology lab in order to foster inventiveness among students, various activities were organised since then to cultivate STEM skills to the children of the vidyalaya.

National Science Day Celebration	February 28	Celebrated to mark India's advancements in science and technology. A series of live sessions are organized by NITI Aayog, along with experts.
ATL Community Day Celebration	April 14	Celebrated in April in our vidyalaya as a tribute to the late Dr. B.R. Ambedkar, on the theme of Ambedkar Jayanti. Other nearby schools participated with us  1. Ramkrishna Mission 2. St Augustin 3. Army Public school
World Intellectual Property Day Celebration	April 26	Celebrated on 26th April, where a series of sessions (including facebook live) are organized by NITI Aayog, along with experts, in partnership with CIPAM, DPIT, Govt. of India
National Technology Day Celebration	May 11	Goal: Attract children to science and technology, and create awareness on the latest technological developments in India and across the globe
ATL Tinkering Festival (ATL Tinkerfest)	May – July	Celebrated in all ATLs in the month of May, June and July to showcase students' innovative solutions.
ATL Tinkering Marathon	September – May	To identify top student innovators across India and reward them. Two teams of students from our vidyalaya till now facilitated in all india level.  1. Preyashu Rakshit and Sushmita khatun  2. Pratyus Gupta and Pratangshu Rakshit