ATL CALENDAR
Your one place guide for all the ATL activities this year
2023-24
## ATL Calendar

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**Activity of the month**

**Build a circuit to glow an LED**

**Curriculum**
Basic Electronics - Level 1

**Tools in focus**
Breadboard, LEDs and Battery

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**14 April** - Ambedkar Jayanti - Organize Community Day Showcase

**21 April** - World Creativity and Innovation Day || **26 April** - World IPR Day

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**Activity of the month**
Design a simple 3D key chain and print it

**Curriculum**
Mechanics - Level 1
3D Printing - Level 1

**Tools in focus**
3D Printer and accessories

1 May - Launch of Tinkerpreneur || 11 May - World Technology Day || 17 May - World Telecommunications and Information Systems Day

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**ATL Calendar**

**June 2023**

**Update ATL Dashboard**

**1 June** - ATL Marathon Results Announcement

**2 June**

**3 June**

**4 June**

**5 June - World Environment Day**

**Activity of the month**

Build an automatic street light

**Curriculum**

- Design Thinking - Level 1
- Basic Electronics - Level 2

**Tools in focus**

- Electronic Sensors

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**July**

**Update ATL Dashboard**

**Announcement - ATL of the Month**

**Submit ATL Wall of Fame Stories**

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**ATL CALENDAR**

**July 2023**

**MON** | **TUE** | **WED** | **THU** | **FRI** | **SAT** | **SUN**
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**Activity of the month**

**Build a circuit using Arduino to create a Light Show**

**Curriculum**

Basic Electronics - Level 2

**Tools in focus**

Arduino Boards

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**15 July - World Youth Skills Day**

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August

**MON** | **TUE** | **WED** | **THU** | **FRI** | **SAT** | **SUN**
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1 | 2 | 3 | 4 | 5 | 6 | 
    | SIP Programme Starts | | | | | Update ATL Dashboard
7 | 8 | 9 | 10 | 11 | 12 | 13
    | Announcement - Exemplary Mentors of the Month | | | | | 
14 | 15 | 16 | 17 | 18 | 19 | 20
    | | | | | | Activity of the month
21 | 22 | 23 | 24 | 25 | 26 | 27
    | Announcement - ATL of the Month | | | | | 
28 | 29 | 30 | 31 | | | 
    | Submit ATL Wall of Fame Stories | | | | | 

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1 **August** - SIP Programme Starts || 15 **August** - Independence Day

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September

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Update ATL Dashboard
Announcement - ATL of the Month
Submit ATL Wall of Fame Stories
Announcement - Exemplary Mentors of the Month

Activity of the month
Design & 3D Print a Rocket

Curriculum
Design Thinking - Level 2
Basic Electronics - Level 3

Tools in focus
Hot Glue Gun | Soldering Iron

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**Curriculum**
Basic Electronics - Level 3

**Tools in focus**
7 segment display
LCD display

**Activity of the month**
Build a Counter

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**Calendar**

*October*

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*2 October* - Gandhi Jayanti || *5 October* - World Teachers’ Day || *4 - 10 October* - World Space Week
November

MON  TUE  WED  THU  FRI  SAT  SUN

1  2  3  4  5 Update ATL Dashboard
6  7  8  9  10  11  12
Announcement - Exemplary Mentors of the Month
13  14  15  16  17  18  19
Announcement - ATL of the Month
20  21  22  23  24  25  26
27  28  29  30
Submit ATL Wall of Fame Stories

Activity of the month
Build a Soil Moisture Monitoring System

Curriculum
Internet of Things -Level 3
Tools in focus
NodeMCU
Soil Moisture Sensor

14 November - Childrens' Day || 26 November - Constitution Day

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**December**

**ATL Calendar**

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Update ATL Dashboard | Announcement - ATL of the Month

11 | 12 | 13 | 14 | 15 | 16 | 17
Announcement - Exemplary Mentors of the Month

18 | 19 | 20 | 21 | 22 | 23 | 24

25 | 26 | 27 | 28 | 29 | 30 | 31
Submit ATL Wall of Fame Stories

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**Activity of the month**

**Design a Birdhouse**

**Curriculum**

- 3D Printing - Level 3
- Woodworking - Level 3

**Tools in focus**

- Hacksaw, Hammer
- Sandpaper, Screwdriver

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January

**Update ATL Dashboard**

**Announcement - ATL of the Month**

**Announcement - Exemplary Mentors of the Month**

**Submit ATL Wall of Fame Stories**

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**ATL CALENDAR**

**January 2024**

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**Curriculum**

Design Thinking - Level 3

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**Tools in focus**

Motors

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**Activity of the month**

Build a Walking Robot

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**12 January - Swami Vivekananda Jayanti || 24 January - International Day of Education || 26 January - Republic Day**

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February

Update ATL Dashboard
Announcement - ATL of the Month
Exemplary Mentors of the Month

CALENDAR

February

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Activity of the month
Build your own Drone

Curriculum
Drone Module
AI Module

Tools in focus
Drone Kit

11 February - International Day of Women and Girls in Science || 28 February - National Science Day

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### March Calendar

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**Activity of the month**

Design a Digital Doodle App

**Curriculum**
- Gaming Module
- App Development Module

**Tools in focus**
- MIT App Inventor, Scratch

20 March - International Day of Happiness || 22 March - World Water Day

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Dear ATL School,

Congratulations on being selected to establish an Atal Tinkering Lab (ATL)! We welcome you to the ATL-AIM community.

Atal Tinkering Lab is an interactive workspace to inspire creativity and innovation. As you begin your journey, please go through the following points to ensure that you have an enriching learning experience:

**ATL Establishment**
Schools are expected to set up your ATL within 3 months from the date of receipt of ATL grant. We have created a set of ATL guidelines and ATL informational videos, that will help you in the ATL establishment process.

**ATL Guidelines**
All ATLs must follow the ATL Guidelines without fail. It is mandatory for the schools to use GeM, PFMS and MyATL dashboard for procurement, financial and operational updates respectively.

**ATL Social Media**
All ATLs are encouraged to create Facebook and Twitter accounts, share your ATL activities, innovation stories, tag Atal Innovation Mission, and follow us for regular updates, at:

**ATL Teacher Training**
It is mandatory for an ATL in-charge to undergo teacher training sessions conducted by AIM, NITI Aayog and its partners. The ATLs shall be informed regularly about teacher training programs, being organized by NITI Aayog or partners, through email.

**ATL Curriculum**
The ATL in-charge must integrate the ATL curriculum in the regular school time table.

**AloT Integration in Curriculum**
The compendium is a collection of lesson plans on how AloT integration can be used to enhance learning in a classroom.
**MyATL Dashboard**
It is mandatory for every school to update their monthly ATL activities and submit them on the MyATL Dashboard.

**Update ATL Contact Details**
To update the contact details of the ATL schools in AIM Database, kindly log-in to the MyATL Dashboard and update the details.

**ATL Mentor of Change**
Each ATL shall be assigned a Mentor of Change (MoC), through AIM, NITI Aayog. The details for the mentors shall be shared on the registered email address of the ATL School in-charge. The MoCs and ATL school are expected to coordinate for the Mentoring sessions for the ATL.

**Subsequent Tranches Of ATL Grant-in-aid**
All ATLs shall be evaluated on a monthly and yearly basis, using the MyATL dashboard and on-site visits. The release of subsequent funds shall be a function of the performance of an ATL. The ATL will be required to submit a Utilization Certificate, through the PFMS system to apply for subsequent tranches.

**ATL Query Resolution System**
In case of any queries, school may write to us through the ATL Query Portal.

**ATL Handbook**
AIM has created the ATL handbook, which captures best practices and case studies for smooth running of your ATL.

**ATL Sarthi**
ATL Sarthi provides tools and support to schools to adopt a self-monitoring approach for better and continuous performance.