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

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

ATL Teacher Training
It is mandatory for an ATL in-charge to undergo teacher training sessions (online and offline) conducted by AIM, NITI Aayog and its partners.

ATL Equipment Manual
This comprehensive guide provides students and educators with all the information they need to harness the latest tools and technologies in ATLs.

ATL Mentor of Change
ATLs are assigned Mentor of Change through AIM, NITI Aayog based on requirement of the schools. 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.

AloT Integration in Curriculum
The compendium is a collection of lesson plans on how AIoT 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.

Subsequent Tranches of ATL Grant-in-aid & Utilization Certificate
Every ATL will be required to submit a Utilization Certificate every year. The release of subsequent funds shall be a function of the performance of an ATL establishment process.

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Resources

**Update ATL Contact Details**
To update the contact details of the ATL schools in AIM Database, kindly update the details using the following link

**ATL Curriculum**

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

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

**ATL Mentor of Change**
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**ATL Query Resolution System**

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

APRIL
Community Day

AUGUST
Parents Day

OCTOBER
Mega Tinkering Day

FEBRUARY
Tinkerfest

JUNE-JULY
ATL Tinkerpreneur

SEPTEMBER
Theme based Hackathon

Nov-Jan
ATL Marathon

ATL CALENDAR
# ATL Calendar

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**ACTIVITY OF THE MONTH**

**MAKE A SMALL USB FAN USING A DC MOTOR**

**Curriculum**
Basic Electronics-Level 1

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

For any query – log on to ATL Query Resolution system.
Update your monthly ATL report on MyATL Dashboard at https://atl.aim.gov.in/

For more information on training, workshops, modules, publications, announcements, follow us

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

**21 April** - World Creativity and Innovation Day || **26 April** - World IPR Day
### May 2024 ATL Calendar

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**ACTIVITY OF THE MONTH**

**Design and 3D Print a Cup**

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

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

**For any query** - log on to ATL Query Resolution System.

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For your monthly ATL report on MyATL Dashboard at https://atl.aim.gov.in/
1 June - ATL Marathon Results Announcement
5 June - World Environment Day

**ACTIVITY OF THE MONTH**
BLINKING AN LED USING ARDUINO

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

**Tools in focus**
Electronic Sensors

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For more information on training, workshops, modules, publications, announcements, follow us

@AIMtoInnovate
**ACTIVITY OF THE MONTH**

**HOME AUTOMATION SYSTEM USING NODEMCU**

**Curriculum**
Basic Electronics-Level 2

**Tools in focus**
Arduino Boards

**For any query – log on to ATL Query Resolution system.**

**Update your monthly ATL report on MyATL Dashboard at https://atl.aim.gov.in/**

For more information on training, workshops, modules, publications, announcements, follow us

[@AIMtoInnovate](https://twitter.com/AIMtoInnovate)

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**ATL CALENDAR**

**July**

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**15 July** - World Youth Skills Day

**Update ATL Dashboard and Submit ATL Wall of Fame Stories**

**Announcement - Exemplary Mentors of the Month**

**Announcement - ATL of the Month**

**ACTIVITY OF THE MONTH**

**SIP Programme Starts**

**1 August** - SIP Programme Starts II

**12 August** - Organize Parents’ Day in ATL

**15 August** - Independence Day

**Curriculum**
Mechanics - Level 2
3D Printing - Level 2

**Tools in focus**
Mechanical Tools
Stationery Materials
**August ATL Calendar**

- **1 August** - SIP Programme Starts
- **12 August** - Organize Parents’ Day in ATL
- **15 August** - Independence Day

**ACTIVITY OF THE MONTH**

**Generate Electricity Using Piezoelectric Plate and Light an LED**

**Curriculum**
- Mechanics - Level 2
- 3D Printing - Level 2

**Tools in focus**
- Mechanical Tools
- Stationery Materials

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Update ATL Dashboard and Submit ATL Wall of Fame Stories

Announcement - Exemplary Mentors of the Month

Announcement - ATL of the Month

5 Sep - National Teachers’ Day
8 Sep - International Literacy Day
28 Sept - Day for Universal Access to Information

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For more information on training, workshops, modules, publications, announcements, follow us @AIMtoInnovate
ACTIVITY OF THE MONTH
MEASURE TEMPERATURE AND HUMIDITY USING ARDUINO

Curriculum
Basic Electronics-Level 3
Tools in focus
7 segment display LCD display

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### ATL Calendar

#### November 2024

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**Activity of the Month**

**WIFI CONTROLLED CAR**

**Curriculum**
Internet of Things - Level 3

**Tools in focus**
NodeMCU
Soil Moisture Sensor

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**14 November - Childrens' Day**
**26 November - Constitution Day**
## ATL Calendar

**December**

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**ACTIVITY OF THE MONTH**

**MAKE A ROTATING ROBOTIC ARM USING A SERVO MOTOR**

**Curriculum**
- 3D Printing - Level 3
- Woodworking - Level 3

**Tools in focus**
- Hacksaw, Hammer
- Sandpaper, Screwdriver

**25 December** - Shri Atal Bihari Vajpayee's Birthday II
- Good Governance day

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@AIMtoInnovate
January

**ACTIVITY OF THE MONTH**

**DIY PADDLE BOAT**

**Curriculum**
Design Thinking - Level 3

**Tools in focus**
Motors

**Update ATL Dashboard and Submit ATL Wall of Fame Stories**

5 January

11 January

18 January

**Announcement - Exemplary Mentors of the Month**

12 January - Swami Vivekananda Jayanti

24 January - International Day of Education || 26 January - Republic Day

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@AIMtoInnovate
Update ATL Dashboard and Submit ATL Wall of Fame Stories

Announcement - Exemplary Mentors of the Month

Announcement - ATL of the Month

ACTIVITY OF THE MONTH
BUILD YOUR OWN DRONE

Curriculum
Drone Module AI Module

Tools in focus
Drone Kit

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11 February - International Day of Women and Girls in Science
28 February - National Science Day
Update ATL Dashboard and Submit ATL Wall of Fame Stories

Announcement - Exemplary Mentors of the Month

Announcement - ATL of the Month

ACTIVITY OF THE MONTH
MAKE YOUR OWN PERSONAL COMPUTER USING RASPBERRY PI

Curriculum
Gaming Module
App Development Module

Tools in focus
MIT App Inventor, Scratch

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Update your monthly ATL report on MyATL Dashboard at https://atl.aim.gov.in/

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