Happy Tinkering

Atal Tinkering Lab

Academic Calendar
April 2020 - March 2021
Atal Tinkering Lab
ORIENTATION BROCHURE

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:

1. **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.

   ![AIM WEBSITE](image)

2. **ATL GUIDELINES**
   All ATLs are 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 GUIDELINES](image)

3. **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:

   - **Facebook:**
     ![Learn How To Open Facebook Account](image)
   - **Twitter:**
     ![Learn How To Open Facebook Account](image)
   - **YouTube:**
     ![Learn How To Open Facebook Account](image)

4. **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 TEACHER TRAINING AGENDA](image)

5. **ATL CURRICULUM:**
   The ATL in-charge must integrate the ATL curriculum in the regular school time table.

   ![ATL CURRICULUM RESOURCES](image)

6. **ATL ANNUAL CALENDAR OF ACTIVITIES:**
   All ATLs are encouraged to participate in ATL-AIM activities and external innovation events.

   ![ANNUAL CALENDAR FOR ATL ACTIVITIES](image)
7. **MyATL Dashboard:**
   It is mandatory for every school to update their monthly ATL activities and submit them on the MyATL Dashboard.

8. **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.

9. **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.

10. **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.

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

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

13. **Articles to Help You Understand the Philosophy of an ATL:**
    a. Building Grassroots Student Entrepreneurs
    b. Atal Tinkering Lab (ATL): An opportunity to experience innovation in school
    c. Why it is important to create and foster entrepreneurial mind-set in India’s high school students
    d. Unleashing The Power Of An Innovative Mind
    e. Cash prize awards aren’t enough to incentivize young students to Innovate
    f. Finding Life’s Purpose In Empowering Young Students To Innovate
    g. Teachers Day 2018: Young Teachers Transforming Into Modern Age ‘Gurus’
    h. Digital learning and need to revamp education system
Atal Tinkering Lab

APRIL

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Important Dates to Remember

1. ATL Introduction Module
2. ATL Community Day
3. Intellectual Property

Learning Themes

1. ATL Introduction Module
2. ATL Community Day
3. Intellectual Property

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For any query log on to ATL Query Portal
Atal Tinkering Lab

MAY

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Learning Themes

1. ATL Tinkerfest
2. Ideation

Important Dates to Remember

- 5th - Submit monthly report on MyATL Dashboard
- 30th - Submit ATL Wall of Fame Stories
- 30th - Submit Mentor Session Reports on Innonet Portal

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For any query log on to ATL Query Portal
## Atal Tinkering Lab 2020

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**Important Dates to Remember**

- **Any Day**: Submit Mentor Session Reports on Innonet Portal
- **5th**: Submit monthly report on MyATL Dashboard
- **15th**: Update PFMS Dashboard
- **30th**: Submit ATL Wall of Fame Stories
- **30th**: Submit Mentor Session Reports on Innonet Portal

**Learning Themes**

1. ATL Tinkerfest
2. Design Thinking

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@AIMToInnovate @AIMToInnovate @AIMtoInnovate @NITIaayog

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Atal Tinkering Lab

JULY

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Exemplary Mentors of the Month

Important Dates to Remember

| Any Day | Organise Tinkerfest
| Any Day | Showcase Day
| 5th    | Submit monthly report on MyATL Dashboard
| Any Day | Mentor India Roundtable
| 30th   | Submit ATL Wall of Fame Stories
| 30th   | Submit Mentor Session Reports on Innonet Portal

Mentors of the Month

Learning Themes

1. Computational Thinking
2. 3D modeling and printing

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Atal Tinkering Lab

AUGUST

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Learning Themes

1. Physical Computing
2. CollabCAD

Important Dates to Remember

- **5th**: Submit monthly report on MyATL Dashboard
- **30th**: School of the Month deadline
- **30th**: Submit ATL Wall of Fame Stories
- **30th**: Submit Mentor Session Reports on Innonet Portal

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SEPTEMBER

Learning Themes

1. Ethical Leadership in Tinkering and Innovation (ELTI) Module

Important Dates to Remember

5th - Submit monthly report on MyATL Dashboard
15th - Update PFMS Dashboard
30th - Submit Mentor Session Reports on Innonet Portal
30th - Submit ATL Wall of Fame Stories

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Atal Tinkering Lab

**OCTOBER**

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**Learning Themes**

1. Drone Module

**Important Dates to Remember**

- **5th** - Check Stock
- **5th** - Procure ATL equipment
- **5th** - Submit monthly report on MyATL Dashboard
- **30th** - Submit ATL Wall of Fame Stories
- **30th** - Submit Mentor Session Reports on Innonet Portal

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@AIMToInnovate @AIMToInnovate AIMtoInnovate @NITIAYog

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NOVEMBER

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Learning Themes
1. ATL Marathon

Important Dates to Remember

5th - Submit monthly report on MyATL Dashboard
30th - Submit ATL Wall of Fame Stories
30th - Submit Mentor Session Reports on Innonet Portal

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DECEMBER 2020

Atal Tinkering Lab

Learning Themes

1. Al-Base Module

Important Dates to Remember

5th - Submit monthly report on MyATL Dashboard

30th - Submit ATL Wall of Fame Stories

15th - Update PFMS Dashboard

30th - Submit Mentor Session Reports on Innonet Portal

Happy Tinkering ☻
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# Atal Tinkering Lab

## JANUARY 2021

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### Learning Themes
1. Space Module

### Important Dates to Remember
- **5th** - Submit monthly report on MyATL Dashboard
- **30th** - Submit ATL Wall of Fame Stories
- **30th** - Submit Mentor Session Reports on Innonet Portal

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Happy Tinkering 😊

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For any query log on to ATL Query Portal
### Atal Tinkering Lab

#### 2021

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#### Learning Themes

1. Gaming Module

#### Important Dates to Remember

- **5th** - Submit monthly report on MyATL Dashboard
- **30th** - Submit ATL Wall of Fame Stories

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**Happy Tinkering 😊**

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## Atal Tinkering Lab

**MARCH 2021**

### Important Dates to Remember

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