



SAEINDIA
NORTHERN SECTION

Presents

AWIM Regional 2018

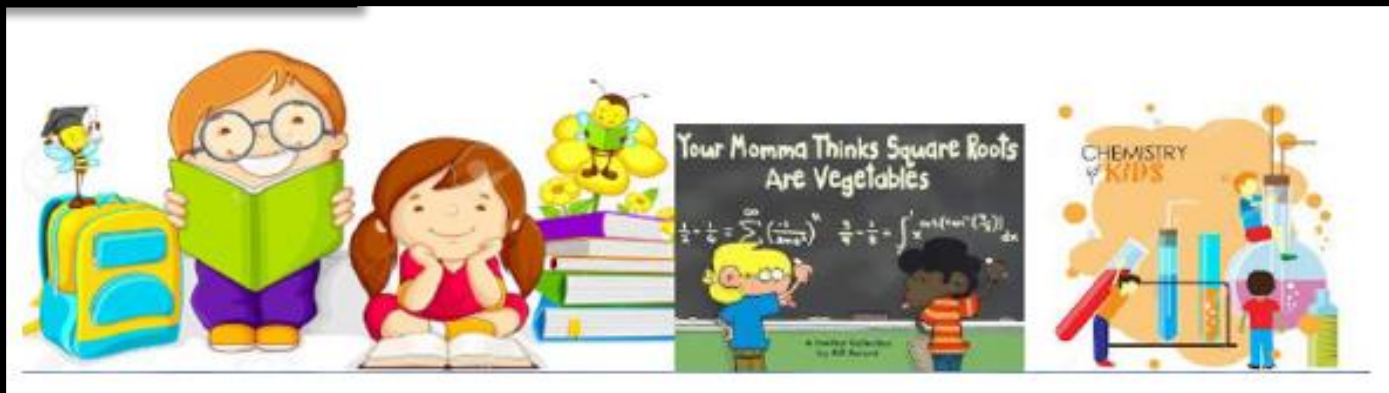
Cities:

Delhi Z1, Delhi Z2, Gurgaon,
NCR, Yamunanagar,
Raudur & Kurukshetra

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About AWIM

A World In Motion® (AWIM) is a teacher administered, volunteer-assisted program that brings science, technology, engineering and mathematics (STEM) education to life for students.

Why AWIM is Unique?

AWIM incorporates the laws of physics, motion, flight and electronics into age-appropriate hands-on activities that reinforce classroom STEM curriculum.

Skimmer Challenge (Grade 5):

Students make paper sailboats that are propelled by fans across the floor. They test the effect of different sail shapes, sizes, and construction methods on the performance of their skimmers. The goal of this challenge is to design a set of skimmers that reliably meet specific performance criteria. Friction, forces, and the effect of surface area are some of the physical phenomena students encounter in this challenge.

Jettoy Challenge (Grade 6):

Students make balloon powered toy cars. Their challenge is to design an appealing toy that performs in a specific way, such as travels far, carries weight, or goes fast. Students experiment with different chassis designs and nozzle sizes to determine their effect on the JetToy's performance. Jet propulsion, friction, and air resistance are the core scientific concepts students explore in this challenge.

AWIM Rules & Regulations

1. One team for Jet toy & one team for Skimmer can participate from each school in Regional.
2. Two hours will be allotted for constructing toys along with the presentation and concept vehicle.
3. Teachers are not supposed to interact with students during course of the event.
4. Students are not supposed to carry anything with them in fabrication room.
5. Only 2 test Engineers will be permitted in the track area.
6. Teams are not allowed to use any external material for the construction, decoration, preparation and presentation of the concept car in the presentation round. However, teams will be allowed to use external material for demonstrating the concept in front of judges. E.g. Tub with water, wooden ramps, tables rope etc.
6. Every team is required to prepare a design presentation

The judge's decision will be final

AWIM Regionals 2018 awards

| S.No. | Winner | Jettoy | Skimmer |
|-------|-------------------------------------|----------------|----------------|
| 1 | Overall | Trophy & Medal | Trophy & Medal |
| 2 | 1st Runner Up | Trophy & Medal | Trophy & Medal |
| 3 | 2nd Runner Up | Trophy & Medal | Trophy & Medal |
| 4 | Maximum Distance | Certificate | Certificate |
| 5 | Maximum Time | Certificate | Certificate |
| 6 | Turnability | Certificate | Certificate |
| 7 | Maximum Speed | Certificate | Certificate |
| 8 | Maximum Weight carrying capacity G1 | Certificate | Certificate |
| 9 | Maximum Weight carrying capacity G2 | Certificate | Certificate |
| 10 | Accuracy | Certificate | Certificate |
| 11 | Sportsmanship | Certificate | Certificate |
| 12 | Team work | Certificate | Certificate |
| 13 | Cleanliness | Certificate | Certificate |
| 14 | Best presentation | Certificate | Certificate |
| 15 | Best Aesthetic | Certificate | Certificate |
| 16 | Best Vernacular Team | Certificate | Certificate |

AWIM 2018 Schedule

| Event | Date |
|--------------------------|----------------------------|
| MTTP (Delhi & NCR) | 28 th Jul, 2018 |
| MTTP Kurukshetra Cluster | 28 th Aug, 2018 |
| Delhi (Z1+Z2) Regional | 5 th Oct, 2018 |
| GGN & NCR Regional | 6 th Oct, 2018 |
| Kurukshetra Regional | Nov 2018 |

Organizing Committee

PATRONS

| | | |
|--|---|--|
| Sh. Dinesh Tyagi Chairman-SAENIS Director-ICAT | Mr. C.V. Raman Past Chairman- SAENIS Sr. Executive Dir. -MSIL | Mr. I V Rao Chairman-EEB, SAEINDIA Executive Advisor- MSIL |
| Mr. Alok Jaitley Convener, AWIM 2018 VP, MSIL | Mr. Rakesh Sood Managing Director, Trim India | Mr. Jitendra Malhotra Co-Convener, AWIM 2018, GM MSIL |
| Ms. Pamela Tikku Sr. GM, ICAT | | |

PEOPLE BEHIND THE SCENE

| | | |
|---|---|--|
| Mr. Samir Shikalgar (ICAT) Overall Event Coordinator | Ms. Diksha Jain (MSIL) Overall Event Coordinator | Mr. Avisek Das (MSIL) Technical Event coordinator |
| Mr. Saurbh Rai (MSIL) Administrative Support | Mr. Ratnadeep Gosh (ICAT) Registration Team | Mr. Juzar Malik (MSIL) Administrative Support |
| Mr. Salim (MSIL) Logistic Team | Mr. Rohit Tripathy (ICAT) Logistic Team | |

CONTACT WINDOW

Feel free to contact in case of any query, suggestion, feedbacks or information



| | | | |
|--------------------------|-------------|-------------|--------------------------|
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State Bank Of India

SAE Northern India Section – Events

Maruti Udyog Ltd. Palam Gurgaon Road,
Gurgaon – 122015

Account No. 67111655808

RTGS/ IFSC Code: SBIN0070623

AWIM 2018 INVITATION

AWIM Regional Olympics

Location: Delhi & NCR

Dates: 5th & 6th Oct 2018

Venue: Mapple Emerald , New Delhi

100
Teams

400
Students

4
Cities

100
Teachers

