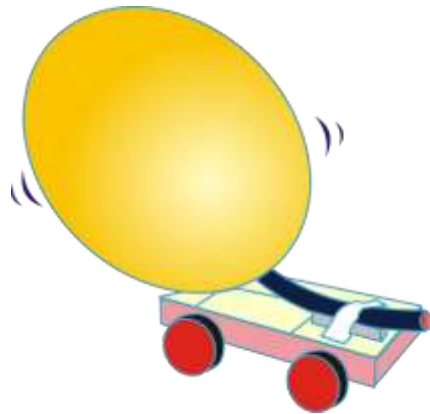
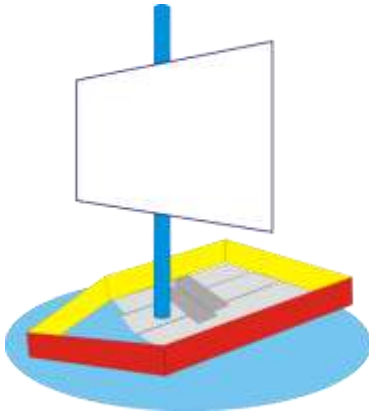


CODE OF CONDUCT



Contents

- 1. Overview**
 - 1.1. Introduction**
 - 1.2. Purpose**
 - 1.3. Competition Summary**
 - 1.4. Vehicle Design, Analysis, and Construction**
- 2. SAEINDIA AWIM Rules and Organizing Authority**
 - 2.1. Authority of the Rules**
 - 2.2. Rules Validity**
 - 2.3. Rules Compliance**
 - 2.4. Understanding the Rules**
 - 2.5. Participating in the Competition**
 - 2.6. Violations on Intent**
 - 2.7. Right to Impound**
 - 2.8. General Authority**
- 3. Eligibility**
 - 3.1. School Students**
 - 3.2. Teachers**
 - 3.3. Industry /College Student Volunteer**
- 4. Registration**
- 5. Technical Requirements**
- 6. Protest**
- 7. JetToy Challenge**
 - 7.1. JetToy Rules & Regulations**
 - 7.2. Kit Material**
 - 7.3. Track Description & Scoring**
- 8. Skimmer Challenge**
 - 8.1. Skimmer Rules & Regulations**
 - 8.2. Kit Material**
 - 8.3. Track Description & Scoring**
- 9. Glider Challenge (Introductory years – Non competitive friendly challenge for 12th AWIM National Olympics 2019)**
 - 9.1. Glider Rule & regulations**
 - 9.2. Kit Material**
 - 9.3. Track Description & Scoring**



GENERAL GUIDELINES

1. Overview

1.1. *Introduction*

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

1.2. *Purpose*

The Engineering Design Experience (EDE) is structured to take students through a design experience as they engage in Critical Thinking, Project Management, Communications, Inquiry & Analysis, and Teamwork & Collaboration to solve an engineering design challenge.

1.3. *Competition Summary*

The Competition includes designing, fabricating and validating the challenge toy as per specifications. The vehicle would be evaluated for its design, performance, and durability as specified for different parameters in this rulebook. The Teams would also be required to make a presentation on their concept “Dream Car” which would also be evaluated as per parameters laid down. The cumulative scores of all the events excluding the speed Round and presentation round would decide the overall ranking of the teams in the event.

1.4. *Vehicle Design, Analysis, and Construction*

The toy vehicles for the competition must be constructed at the competition venue, on the day of the event using materials supplied in an official kit only. All the material required will be made available for the Student teams by the organizers. (Refer rule book for more details.)

2. *SAEINDIA AWIM Rules and Organizing Authority*



2.1. Authority of the Rules

The SAEINDIA AWIM Rules are the responsibility of the EEB – Rules & Regulations Committee and are issued under the authority of SAEINDIA.

Official announcements from the AWIM EEB, Organising Committee shall be considered part of and shall have the same validity as these rules.

Ambiguities or questions concerning the meaning or intent of these rules will be resolved by the EEB – Rules & Regulations Committee.

2.2. Rules Validity

The Approved Rules of the AWIM Challenge (Glider, Jet Toy & Skimmer), for the Calendar year 2019 Competition are posted in this Book / website.

2.3. Rules Compliance

By entering AWIM, the team, students of the teams as individuals, teachers and other associated personnel agree to comply with and be bound by these rules and all the rule interpretations or procedures issued or announced by SAEINDIA, AWIM Organizing Committee, and EEB – Rules & Regulations Committee. All team members, teachers and other associated representatives are required to cooperate with and follow all instructions from competition organizers, officials and judges.

2.4. Understanding the Rules

Teams are themselves responsible for reading, interpretation and understanding the rules of the competition. For any enquiry regarding the rules, teams should contact Organizing Committee / Rules & Regulation committee. Communication with any other individual contacts will not be considered as official. In case of any doubt in rules, teams are advised to clarify it. Teams must keep the copy of such communications for future reference. Communication with other e-mail IDs or individual event organizers will not be considered as official.

2.5. Participating in the Competition

Teams, students as individuals, teachers and other representatives of various cities who are present at the competition venue are considered to be “Participating in the Competition” from the time they arrive at the event site until they depart from the site at the conclusion of the competition or earlier by withdrawing.



2.6. Violations on Intent

The violation on intent of a rule will be considered in the event of any violation of the rule itself. Questions about the intent or meaning of a rule may be addressed to the AWIM National Organizing Committee.

2.7. Right to Impound

AWIM EEB & Organizing Committee reserves the right to impound on the toy model made at the event site, anytime during the competition for inspection and examination. The AWIM OC authorizes inspection of the toy by the track officials (technical committee), track judges and organizers.

2.8. General Authority

Rules & Regulations Committee and the competition organizing bodies (OC, Technical Committee) reserves the right to revise the schedule of the competition and/or interpret or modify the competition rules at any time and in any manner in the interest of the participating children or the competition, that is in their sole judgment, required for the efficient operation of the event.

3. Eligibility

3.1. School Students

Eligibility is limited to class 5th (Skimmer), 6th (JetToy) & 7th (Glider) students to ensure that this is an engineering competition rather than a race.

From each participating city, the criteria for number of teams to attend National Olympics is as follows;

Sr.No.	City Status	No. of schools participating per City	Allowable teams for National Olympics		
			Jettoy	Skimmer	Glider
1	Old / New	≤ 5 schools	Nil	Nil	Nil
2	Old / New	5 to 9 schools	1 team	1 team	1 team
3	New & Old	≥ 10 schools	1 team	1 team	1 team

3.2. Teachers

Each team is supposed to have a teacher accompanying the students. The Teacher is required to accompany the team to the competition and will be considered as audience when the competition is in progress. No interference or disturbance from Teachers during the course of



competition would be permitted, action would be taken by officials against any teacher found to disobey or dishonor the rule or set guidelines.

3.3. Industry / Student Volunteer

Each team is supposed to have an Industry / Student volunteer accompanying the student teams. He / She is required to accompany the team to the competition and will be considered as audience when the competition is in progress. No interference or disturbance from the volunteers during the course of competition would be permitted, action would be taken by officials against any volunteer found to disobey or dishonor the rule or set guidelines.

4. Registration

Teams are required to register as per the communication done to all City Leads. All updates would be communicated to city leads on their email address and will also be put up on the SAEINDIA website. It is sole responsibility of the city leads & student teams to check for the updates. A Maximum of 18 members (12 students, 3 teachers & 3 Volunteers), One Glider, One JetToy & One Skimmer team per city will be allowed to participate in the competition.

The participating Regional Champions will have to provide following documents (Refer Annexure)

- (i) School NOC for participating in the National Olympics.*
- (ii) “Photo Release letter” from the parents of Participants.*

5. TECHNICAL REQUIREMENTS

With reference to Materials, Vehicle Specifications, Race Lanes, Event / Track Description & Scoring Guide & Presentation Score Sheet please refer detailed rulebook for Skimmer & Jet Toy separately which is released and uploaded on website www.awimindia.org by AWIM Organizing Committee.

6. PROTEST

Participating teams are assumed to have full faith in the Rulebook and Event Procedures and hence any team may not protest against particular event procedures or the rulebook interpretation.



In case of any objection / misunderstanding with the judgment taken during the event or any issue with the competitors, teams may discuss with the Organizing Committee. All such complaints will be taken into account for official consideration and further action (if required) only in case the concern submits a written note.

All written complaints should be addressed to AWIM Organizing Committee. The complaint sheets must be filed & handed over to the organizing committee within 2 hours of the completion of related event. The Decision of event organizing committee will be considered as final.

Change history with respect to last release:

- Aug 2019 - Glider challenge included as a friendly introductory event