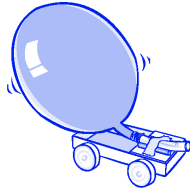


## “AWIM Volunteers & Teacher Training 2010”

### *The Design Experience*

By - Saurabh Chitnavis



“AWIM Volunteer & Teacher Training 2010” was conducted at **R&D Ambad Annex, Nasik on Saturday, 7<sup>th</sup> August 2010** from 8:00am to 6:00pm. **Eight schools** of Nashik participated along with the volunteers in the workshop.

*A World in Motion (AWIM) - The Design Experience*, is a dynamic curriculum focusing on the engineering design process for physical science classes. AWIM is designed for students in class 6<sup>th</sup>.



### “Volunteer & Teachers engrossed in the Training”

Teachers of 8 school along with their Volunteer wholeheartedly participated in the “Volunteer & Teacher Training 2010” in there Quest to learn more about the “Jet Toy Car”, so as to enable them to come close to the 6<sup>th</sup> standard students and satisfy the overall goals of AWIM which are,

- Promote science literacy
- Increase interest in science, math, and technology education
- Foster curiosity and creativity
- Encourage a spirit of healthy questioning through the discovery process
- Provide opportunities for physical science experiences
- Emphasize cooperative learning (teamwork)

The Training was conducted by **Mr. Saurabh Chitnavis** (Coordinator – AWIM Nasik) along with the support of AWIM members (i) **Shailesh Kulkarni**, (ii) **Padmesh Sawda** & (iii) **Vijay Gokhale**.



Taking through the concepts of AWIM



The Team all set for the Training

The Volunteers & Teachers actively participated in the training & to design an appealing toy that performs in a specific way, such as travels far, carries weight, or goes fast with their own hand. Teachers experimented with different chassis designs and nozzle sizes to determine their effect on the JetToy's performance. The scientific concepts like Jet propulsion, friction, and air resistance were explored by the Teachers & volunteers.

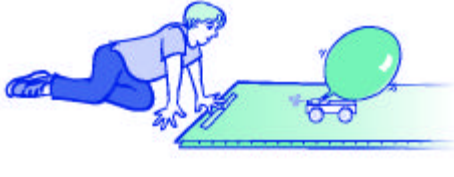


### Volunteers & Teachers at Work building the Toy

AWIM Training was not confined to the learning & making of the toy but the volunteers & Teachers were also involved in the Toy testing and understanding the reasons behind the science concept.



FUN & Enjoyment – Child in me is seen



The Doubts of teachers & volunteers were answered by the AWIM Team & the Trainer. The concepts like Force, Friction, Air Resistance, Kinetic Energy, etc. were explained.

After all the learning & testing the Toy the Teachers & the Volunteers also gave the Presentations about their Team Name, Logo & the Vehicle specifications. They also faced the Questions of the team as in the AWIM Olympics.



The details of the participating schools are as follows:

Sr.No.	School Name	Teacher Name	Contact nos.	Volunteer
1	Adarsh Madhyamic Vidyalaya	Mrs. Thoke Miss. Bagul	9371523598 9765050697	Pankaj Dange
2	Adarsh Secondary English Medium School	Mrs. Sunita Pagar Mrs. Poonam Sonar	9403148744 8055656470	Rahul Sharma
3	Annasaheb Vaishampyan Vidyalaya	Mr. Patil L.K. Mr. Aghav R.S.	9890870419 9370562256	R.S. Shastri Mahalingesh Burkul Varsha Pawar
4	Ashoka Universal school (Chansi)	Mr. Surendra D. Maharana Mr. Pramod Tripathi	9623989581 8976256356	Vikas Garg Padmesh Sumit
5	Ashoka Universal school (Wadala)	Mrs. Priya Aher Mr. Mahesh Jagtap	9922627706 9158142894 8149997335	Vikash Sharma Basavraj Patil
6	Boys Town Public School	Mr. Ranade	9860255020	Umakant Dahade Sanjay Gade
7	Seth Ramnath Jaju Madhyamik Vidyalaya (Sharada Vidyalaya)	Mr. Nikam Y.L. Mrs. Rumale S.S.	9226466811 9762967818	Vijay Ghokhle
8	Wisdom High International School	Mrs. Anuttama Pandit Mrs. Chitra Krishna	9225124775 9881004816	Shailesh Kulkarni Meenesh Patil

**Total 16 Teachers from 8 School teachers participated along with 24 industry volunteers.**

**Cumulative time - 400 Hrs.**



*The Team for "Volunteer & Teachers" training Program*



*Engineers at Work - "Enjoying their Creations"*