



**WORLD
FINALS**

EVENT REPORT

ABU DHABI 12



INTRODUCTION



The 8th F1 in Schools World Finals were held in Abu Dhabi in October 2012 in the week prior to the 2012 Formula 1 Eithad Airways Abu Dhabi Grand Prix.

33 teams from each corner of the globe arrived into Abu Dhabi to compete for the coveted Bernie Ecclestone World Champions trophy.

Founder and Chairman Andrew Denford welcomed the teams to Ferrari World Abu Dhabi the world's first and only Ferrari-branded theme park. Following 2 days of intense competition judging the 33 teams went head to head in the exciting knockout competition. On Wednesday 31st October VIP's from the world of Formula One and Education including the Guest of Honour His Excellency Dr Sheikh Nahyan Bin Mubarak Al Nahyan, Minister of Higher Education and Scientific Research Abu Dhabi, joined us at the event for the Awards Celebration where 20 awards were presented.

Following all of their hard work competing in the World Finals event the competitors spent the weekend enjoying the 2012 Formula 1 Etihad Airways Abu Dhabi Grand Prix where many of the winning teams enjoyed a behind the scenes tour of the Yas Marina Circuit Formula One Paddock.

THE CHALLENGE

Working in teams of between 3 and 6, each student is assigned roles. The team prepares a Business Plan, develops a budget and raises sponsorship. Teams are encouraged to collaborate with industry and forge business links.

Using 3DCAD (Computer Aided Design) software, the team designs a Formula One™ car of the future. Aerodynamics are analysed for drag coefficient in a virtual reality wind tunnel using Computational Fluid Dynamics (CFD). Using 3D CAM (Computer Aided Manufacture) software, the team evaluates the most efficient machining strategy to make the car.

Aerodynamics are tested in wind and smoke tunnels.

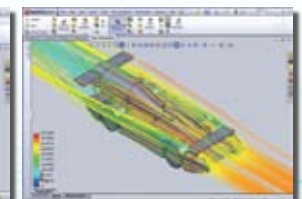
Teams are judged on car speed, as well as supporting evidence of their design, verbal presentation and the marketing display stand in 'the pits'.



PLAN



DESIGN



ANALYSE



MAKE



TEST



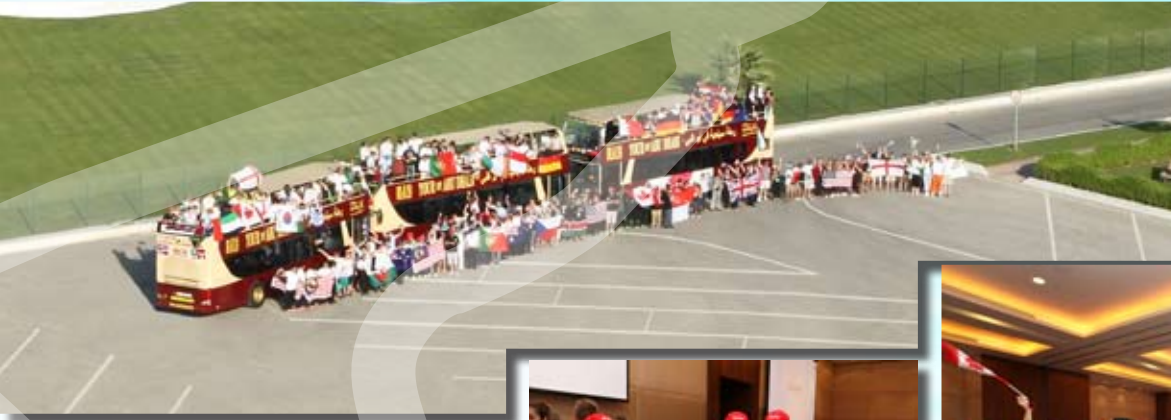
RACE

Teams compete regionally, Nationally and Internationally for the Bernie Ecclestone F1 in Schools World Champions Trophy

Day One - Sunday 28th October

A lively, warm and friendly 'gift-exchange' lunch brought together the grid of 33 F1 in Schools™ World Finalist teams at the Radisson Blu Hotel.

Before heading off sightseeing to visit the landmarks and attractions of Abu Dhabi with Big Bus Tours courtesy of Abu Dhabi Tourism and Culture Authority, the students took part in a Cultural Gift Exchange where they exchanged token gifts from their own country; Greek organic virgin olive oil, a miniature Mexican sombrero, a boomerang, Scottish shortbread and a special edition Malaysian stamp featuring one of the teams were among the gifts exchanged at a colourful and lively lunch for the start of the eighth F1 in Schools World Finals.



Day Two - Monday 29th October

There was a mix of excitement and nervous anticipation building amongst the teams as they stepped into Ferrari World Abu Dhabi on the opening day of the event.

Teams set to work on building their pit displays ahead of the Official Opening Ceremony where VIP guests joined the teams to see Richard Cregan, CEO of Yas Marina Circuit officially open the World Finals Abu Dhabi 2012, followed by an opening flag-off race between Mrs Frederique Trouve, Commission Manager, FIA Women in Motorsport and Malek Alrashedi - Senior Director of Support Services, Yas Marina Circuit.



The competition was on and the 33 teams waited anxiously for each of their judging elements including giving a verbal presentation to a panel of judges, racing their cars on a specially designed 20 metre F1 in Schools track, presenting their portfolios and pit displays and being questioned about the engineering behind their designs.



David Croft, F1 Commentator interviews Richard Cregan CEO Yas Marina Circuit

Day Three - Tuesday 30th October

The Competition Continued...

The F1 in Schools World Finals teams, each with three to six team members, have all competed in their own National Competition to win a place to represent their country at the World Finals.



Day Four - Wednesday 31st October

The knockout racing brought the F1 in Schools Finalists together to watch everyone racing to win. There was a lively atmosphere trackside with plenty of national pride at stake as the teams battled it out for the 'Ferrari World Abu Dhabi Knockout Champions Award'.

On Wednesday evening VIP guests were invited to attend a canapé reception hosted by the Institution of Engineering and Technology (IET) whilst having a chance to meet the teams and take a look around the pit displays.



The guests then attended a glittering awards celebration in the RED Auditorium at Ferrari World Abu Dhabi hosted by David Croft, Sky Sports F1 Commentator and attended by His Highness Sheikh Nehyan Bin Mubarak Al Hehyan, UAE Minister for Higher Education and Scientific Research as well as many special guests from the world of Formula One. Cold Fusion from Australia were crowned F1 in Schools World Champions 2012 and were presented with their trophy by Nico Hulkenberg, Sahara Force India F1 driver and Founder and Chairman of F1 in Schools, Andrew Denford.



Guest of Honour: His Highness Sheikh Nehyan Bin Mubarak Al Hehyan



World Champions, 2nd Place & 3rd Place

3

THIRD PLACE

Rush

Robert May's School, England

Supported by



WORLD CHAMPIONS

Supported by



CITY UNIVERSITY LONDON

Cold Fusion Brighton Secondary School, Australia



2



SECOND PLACE

Supported by



Team Ignite

Dame Alice Owen's School, UK



AWARD WINNERS



KNOCKOUT COMPETITION WINNERS

Supported by Ferrari World Abu Dhabi

Cold Fusion

Brighton Secondary School, Australia



FASTEST CAR

Supported by Mercedes AMG Petronas

Cold Fusion

Brighton Secondary School, Australia



FIA WOMEN IN MOTORSPORT AWARD

Supported by FIA Women in Motorsport Commission

Sabeg & La7eg

Jubilee School, Jordan



RESEARCH AND DEVELOPMENT

Supported by Pirelli

AEROMACH F1

Sekolah Menengah Sains Hulu Selangor, Malaysia



TEAM IDENTITY

Supported by Ferrari

AERO GP

Grootmoor Gymnasium, Germany



INNOVATIVE THINKING

Supported by Lotus F1 Team

Motion Racing

Ysgol Dewi Sant and Monmouth Comprehensive, Wales



BEST ENGINEERED CAR

Supported by Vodafone McLaren Mercedes

Cold Fusion

Brighton Secondary School, Australia



BEST COLLABORATION TEAM

Supported by Shell

Rapid Motion

Engadine High School, Australia and Sachsenwaldschule Gymnasium Reinbek, Germany



OUTSTANDING SPORTSMANSHIP

Supported by Force India

Team Shift

Wheeler High School and
Campbell High School, USA



**PERSEVERANCE IN THE
FACE OF ADVERSITY**

Supported by Red Bull Racing

Aeroflux 2.0

Aberdeen Grammar School, Scotland



Sauber F1 Team

BEST NEWCOMER

Supported by Sauber F1

Ground Force Project

Private School S.Avgouleia Linardatou, Greece



BEST VERBAL PRESENTATION

Supported by Williams F1

Safire Racing

German International School Dubai, UAE



PIT DISPLAY

Supported by Toro Rosso

CanroK

Crocus Plains Regional Secondary School, Canada and
Konkuk Univ. High School, South Korea



BEST USE OF SOCIAL MEDIA

Supported by Caterham F1 Team

Ground Force Project

Private School S.Avgouleia Linardatou, Greece



**TEAM SPONSORSHIP
AND MARKETING**

Supported by Marussia F1 Team

Panthera F1

SEKOLAH MENENGAH PENANG FREE, Malaysia



BEST PORTFOLIO

Supported by F1 Racing

AERO GP

Grootmoor Gymnasium, Germany



BEST TEAM WEBSITE

Supported by HRT F1 Team

Aeroflux 2.0

Aberdeen Grammar School, Scotland

Day Four - Wednesday 31st October Official After-Party

Sponsored by



The teams celebrated and partied in style at the World Finals Official After-Party sponsored by Hexagon Metrology.



Day Five - Thursday 1st November Teams Visit the Paddock



The teams headed to Yas Marina Circuit to take part in a Pit Lane Walkabout where they gained a glimpse of the real world of Formula One.



Day Six - Friday 2nd November World Champions Meet Mr. Ecclestone

A Once in a Lifetime Experience

Cold Fusion the 2012 F1 in Schools World Champions were hosted in the ETIHAD AIRWAYS ABU DHABI FORMULA ONE™ GRAND PRIX Paddock where they got to take a look at the real world of Formula One. The team were officially presented with the World Champions trophy by Mr. Ecclestone, who also introduced them to Adrian Newey and Mark Webber of Red Bull Racing. The team were then given a tour of the paddock where they met various F1™ drivers, team management and hospitalities.



World Champions meet Fernando Alonso and Felipe Massa

Day Seven & Eight Winning Teams Visit the Paddock

The award winning teams were hosted by the F1 teams in the paddock over the race weekend to reward their success.








The teams received a behind the scenes tour of the paddock, including tours of the Formula One team garages and hospitality areas. To end such an amazing week the teams took to their seats to enjoy the race live from the Marina Grandstand.

Competing Teams

TEAM NAME	COUNTRY	SCHOOL
Cold Fusion	 Australia	Brighton Secondary School
TEAM SPECTRA	 Australia	Trinity Grammar School and Kyabram P-12 College
The Red Cheetah	 Austria	BG/BRG Judenburg
Team 7th Gear	 Bahrain	St. Christopher's School
BobCAD Blazing Arrow	 Canada	SATEC@Porter & Woburn
Blood Elites	 Czech Republic	Secondary Technical School
Rush	 England	Robert May's School
AERO GP	 Germany	Grootmoor Gymnasium
Ground Force Project	 Greece	Private School S.Avgoulea Linardatou
Team Quasar	 Ireland	Saint Ailbe's School
Sabeg & La7eg	 Jordan	Jubilee School
PTK02-Duma Racing	 Kenya	St Andrew's School
Panthera F1	 Malaysia	Sekolah Menengah Penang Free
AEROMACH F1	 Malaysia	Sekolah Menengah Sains Hulu Selangor
Chilango Racing Team	 Mexico	Cedros Norte
PIXEL MONSTER F1	 Portugal	Cooperativa de Ensino Vale S.Cosme Didáxis
Legacy	 Portugal	Universidade Lusíada - V.N. Famalicão

TEAM NAME	COUNTRY	SCHOOL
Aeroflux 2.0	 Scotland	Aberdeen Grammar School
Aero Phoenix	 Singapore	Henderson Secondary School
Flatline	 South Africa	Fourways High School
Accelero	 South Africa	Maritzburg College, Pretoria High School for Girls and Eden Glen High School
Safire Racing	 UAE	German International School Dubai
BlackBird X	 UAE	The Indian High School, Dubai
Team Ignite	 UK	Dame Alice Owen's School
Team Shift	 USA	Wheeler High School and Campbell High School
TFL Racing	 Wales	Ysgol Friars
Motion Racing	 Wales	Ysgol Dewi Sant & Monmouth Comprehensive

COLLABORATION TEAMS

CanroK	 	Canada / South Korea	Crocus Plains Regional Secondary School and Konkuk Univ. High School
Velox F1	 	Canada / USA	SATEC@Porter & Manatee County Schools
Rapid Motion	 	Australia / Germany	Engadine High School and Sachsenwaldschule Gymnasium Reinbek
Aptus Racing	 	Ireland / Singapore	Presentation College and River Valley High School
Venator F1	 	England / USA	Devonport High School for Boys and Elizabethtown Area Middle School
Synergy	 	Germany / UAE	Einhard Gymnasium and Dubai College

Media Coverage & DVD

The event received a wide range of International TV and Press Coverage from all corners of the world covering Motorsport, Education and National Press.



In Partnership with



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VODAFONE McLaren MERCEDES



WILLIAMS F1 TEAM



HRT FORMULA 1™ TEAM

