



WORLD FINALS

Singapore 2010

Supported by



EVENT REPORT

INTRODUCTION

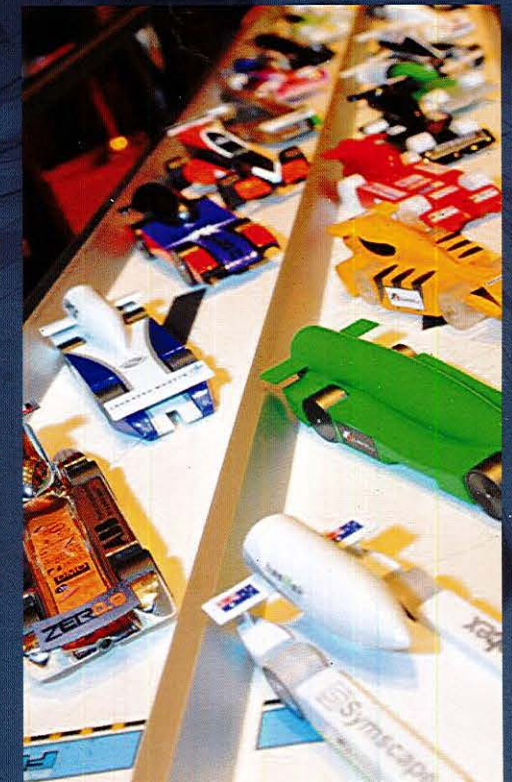
IN SEPTEMBER 2010, 25 TEAMS FROM 18 COUNTRIES AROUND THE WORLD DESCENDED UPON SINGAPORE TO COMPETE IN THE 6TH F1 IN SCHOOLS WORLD FINALS, SUPPORTED BY LG, WHICH COINCIDED WITH THE 2010 SINGTEL SINGAPORE FORMULA ONE™ GRAND PRIX.



The event which was held at the Ngee Ann Polytechnic Convention Centre over two days, saw some of the best young engineers, business minds and designers, competing for the coveted Bernie Ecclestone World Champions trophy as well as Automotive and Motorsport Engineering Scholarships to City University London.

After 2 days of intense competition, the teams battled it out in the knockout racing held at the Conrad Centennial Hotel, followed by a glittering Awards Celebration hosted by James Allen. A total of 18 trophies were presented at the event, which was attended by F1 drivers Lucas di Grassi from Virgin Racing and Sauber F1 driver Komui Kobayashi. Representatives from many of the F1 teams were present and the Guest of Honour was Mr Hawazi Daipi, Senior Parliamentary Secretary, Ministry of Manpower & Ministry of Health and World Champion Jenson Button was also there to meet the World Champions.

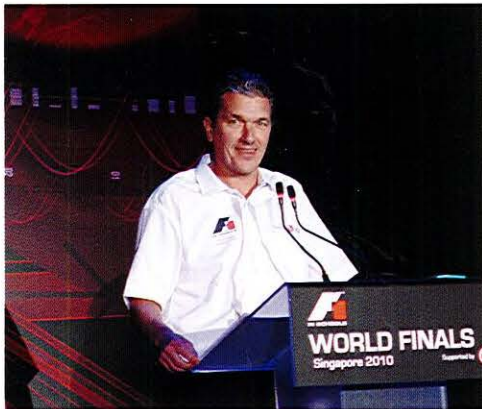
The highlight of the week for many of the winning teams was the chance to experience exclusive behind-the-scenes access to the world of F1, with a visit to the paddock at the Singapore Grand Prix.



WHAT IS F1 IN SCHOOLS?

F1 IN SCHOOLS LTD IS A NOT-FOR-PROFIT COMPANY ESTABLISHED WITH COMMITTED PARTNERS TO PROVIDE AN EXCITING YET CHALLENGING EDUCATIONAL EXPERIENCE THROUGH THE MAGNETIC APPEAL OF FORMULA ONE™.

F1 in Schools is rapidly realising its potential of becoming the only truly global educational programme that raises awareness of Formula One™ among students and school children in every region, in every country, on every continent. Spanning age ranges of 9 to 19 its main objective is to help change perceptions of science, technology, engineering and mathematics (STEM) by creating a fun and exciting learning environment for young people to develop an informed view about careers in engineering, Formula One™, science, marketing and technology.

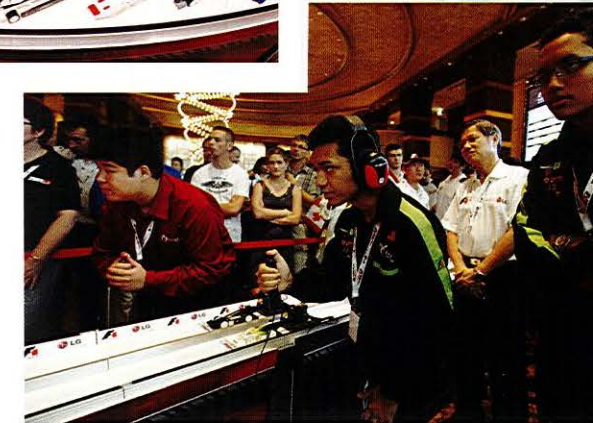


Andrew Denford
Founder and Chairman F1 in Schools.

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 3D CAD (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 Software (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.
- The Race is on, at more than 60kph. Cars race side-by-side along a 20-metre straight at just over 1 second.

Teams are judged on car speed, as well as supporting evidence of their design, verbal presentation and marketing display stand in "the pits". Teams compete regionally, nationally and internationally for the Bernie Ecclestone F1 in Schools World Champions trophy.



DAY ONE - SUNDAY 19TH

The event kicked off with a Welcome Breakfast at the Conrad Centennial Hotel followed by a group walk to the Megu Hall at the Singapore Flyer where the teams all took part in a Cultural Gift Exchange Lunch organised by the Singapore Tourism Board. Irish leprechauns and specially minted coins were among the gifts exchanged at a colourful and lively lunch which saw the students swapping gifts from their respective countries. Following the gift exchange the teams boarded the Singapore Flyer where they enjoyed the spectacular views over the city and of course the Singapore F1 Grand Prix Street Circuit. In the evening the students were transported to the Ngee Ann Polytechnic Convention Centre where they had 2 hours to build their pit displays and complete event registration.



DAY TWO - MONDAY 20TH

THE TEAMS WERE WELCOMED TO Ngee ANN POLYTECHNIC BY A TRADITIONAL DRAGON DANCE BEFORE HEADING INSIDE READY TO START THE FINALS!



During the Official Opening Ceremony His Excellency Paul Madden, the British High Commissioner was delighted to open the event, he was then joined by the Principal of Ngee Ann Polytechnic, Mr Chia Mia Chiang, and F1 in Schools Founder and Chairman, Andrew Denford, for a 'flag off' race to mark the opening of the F1 in Schools World Finals Singapore 2010 supported by LG.

Following the opening ceremony, the competition was on, with the teams racing, presenting their portfolios and giving a verbal presentation to the judges. Scrutineering of all cars took place all day! There was a nervous tension in the air as the first day of the competition came to a close, however in the evening the students were treated to a Chinese Lantern Festival where they enjoyed tasting traditional Chinese, Malay and Indian cuisines.





DAY THREE - TUESDAY 21ST

ANOTHER TOUGH DAY OF COMPETITION PACKED WITH REACTION TIME RACING, ENGINEERING JUDGING, MORE VERBAL PRESENTATIONS, PORTFOLIO JUDGING AND ENDING WITH THE FIRST ROUNDS OF THE KNOCK-OUT RACING.



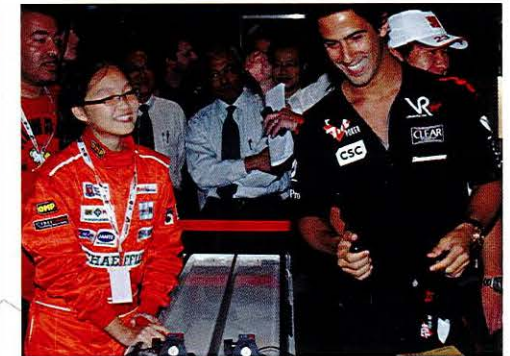
The teams were also honoured to receive a visit from Richard Bradley, Formula BMW Driver, and a patron of F1 in Schools in Singapore. Richard spoke to the students about his career so far and how he got to where he is today at such a young age.

DAY FOUR – WEDNESDAY 22ND

ALL THAT REMAINED WAS THE FINAL STAGES OF THE KNOCK-OUT RACING WHICH TOOK PLACE AT THE CONRAD CENTENNIAL HOTEL. THE ATMOSPHERE WAS TENSE AS EVERYONE LINED THE F1 IN SCHOOLS TRACK TO SEE THE ACTION FIRST HAND!



Bernie Ecclestone also visited the event, to see first hand the work of the World Finals teams and to put his reaction time to the test with a race against Andrew Denford.



WORLD CHAMPIONS

SPONSORED BY: FORMULA ONE MANAGEMENT™ AND



CITY UNIVERSITY
LONDON

UNITUS RACING, USA

James Madison Middle School & Southeast High School

Unitus Racing, a team from James Madison Middle School, Virginia and Southeast High School, Florida were crowned the 2010 F1 in Schools World Champions after three days of intense competition. Their victory brought with it Automotive and Motorsport Engineering scholarships to City University London, LG LED screens and the coveted Bernie Ecclestone World Champions trophy. The team were delighted to meet current F1™ World Champion, Vodafone McLaren Mercedes driver, Jenson Button, who congratulated them on their success after the awards ceremony.



SECOND PLACE

SPONSORED BY:  **NGEE ANN**
POLYTECHNIC

Zer0.9, Australia & UAE

Pine Rivers State High School & Indian High School Dubai



2ND

THIRD PLACE

SPONSORED BY:  **IET**
Collective Inspiration

Aixtreme Racing, Germany

Einhard Gymnasium



3RD

AWARD WINNERS

BEST ENGINEERED CAR



Basilisk Performance

Sebastopol College
Australia

VODAFONE McLaren MERCEDES

FASTEST CAR



Aixtreme Racing

Einhard Gymnasium
Germany

MERCEDES GP PETRONAS
FORMULA ONE TEAM

LG MOMENT OF THE WEEK



Team Zenith

Bryn Celynnog
Comprehensive School
Wales



THE COLLABORATION AWARD



Zer0.9

Pine Rivers State High School
& Indian High School Dubai
Australia & UAE



BEST TEAM IDENTITY



Schaeffler Hypersonic

Henderson Secondary School
Singapore



PERSEVERANCE IN THE FACE OF ADVERSITY



Celeritas

Pretoria High School for Girls
South Africa



INNOVATIVE THINKING AWARD



Aixtreme Racing

Einhard Gymnasium
Germany



BEST PIT DISPLAY



Govannon Racing

Dundalk Grammar School
Ireland



BEST TEAM SPONSORSHIP & MARKETING AWARD



UNITUS RACING

James Madison Middle School
& Southeast High School
USA



OUTSTANDING SPORTSMANSHIP AWARD



IMPULSE

Dubai College
UAE



BEST TEAM PORTFOLIO



Basilisk Performance

Sebastopol College
Australia



BEST VERBAL PRESENTATION



Dynamic

St John Payne Catholic School
UK



BEST NEWCOMER AWARD



Impact

The British International School
Saudi Arabia



BEST TEAM WEBSITE



Qi

Western Academy of Beijing
China



KNOCKOUT WINNERS



Raluca F1

Sekolah Dato' Abdul Razak
Malaysia



LG MOMENT OF THE WEEK

THE LG MOMENT OF THE WEEK AWARD CHALLENGED STUDENTS TO USE LG MOBILE PHONES TO CREATE AND CAPTURE A SPECIAL MOMENT FROM THE F1 IN SCHOOLS WORLD FINALS.



The Team Zenith girls decided to depict the LG logo, recognising the importance of the brand's sponsorship of the event. Annie Holland explains, "We wanted to be in the photo, so we thought we would wear the dressing gowns and slippers from our hotel room to create the shape. We had to wait until 4 in the morning to take the photo when the hotel lobby wasn't busy, so we didn't get much sleep that night. It was worth it though, as we won an amazing trophy for our efforts and had the chance to go in the F1 paddock which was awesome as well."



OFFICIAL AFTER-PARTY

AFTER THE EXCITEMENT OF THE AWARDS CELEBRATION THE TEAMS WERE READY TO PARTY AT THE OFFICIAL EVENT AFTER-PARTY HELD AT THE POOLSIDE PAVILION OF THE CONRAD CENTENNIAL HOTEL.



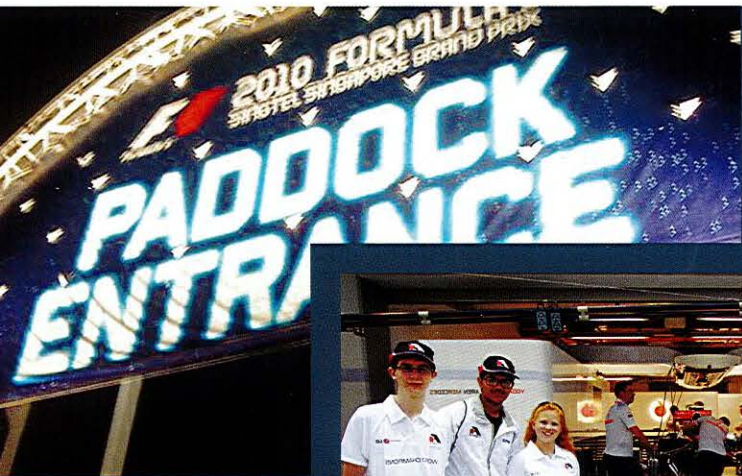
UNIVERSAL STUDIOS

DAY 5 THE TEAMS ENJOYED A DAY OUT AT UNIVERSAL STUDIOS



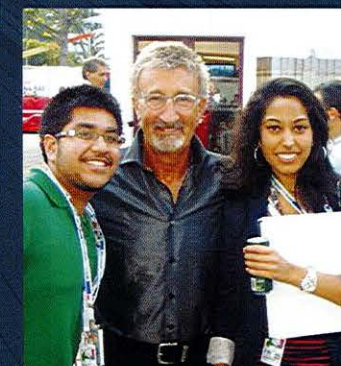
DAY FIVE - THURSDAY 23RD

THE NEWLY CROWNED CHAMPIONS UNITUS RACING WERE HOSTED BY MR. ECCLESTONE IN THE F1 PADDOCK!

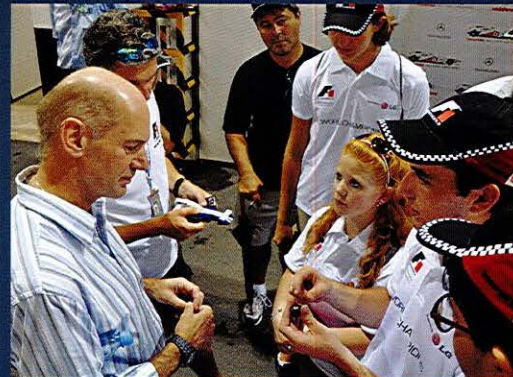


DAYS SIX, SEVEN & EIGHT FRIDAY 24TH - SUNDAY 26TH

Over the F1 Grand Prix weekend F1 in Schools prize winners were taken into the F1 Paddock to experience F1 from behind the scenes, meet the Technical Directors, the Drivers and some were even treated to garage tours! The week came to a fantastic end as the teams watched the racing action from the Bay Grandstand on the Floating Platform.



TEAMS MEET THE DRIVERS AND TEAM MANAGEMENT



MEDIA EXPOSURE

THE EVENT RECEIVED A WIDE RANGE OF INTERNATIONAL PRESS COVERAGE FROM ALL FOUR CORNERS OF THE WORLD COVERING MOTORSPORT, EDUCATION AND NATIONAL PRESS PUBLICATIONS.

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LIVE TIMING FEED

1	20.531	24.4	28.1	32.2
2	20.290	24.0	28.1	32.3
3	20.250	23.7	27.7	31.9
4	20.270	24.2	28.3	32.4
5	20.439	24.9	29.1	33.1
6	20.370	24.9	29.2	33.2
7	20.531	24.4	28.1	32.2
8	20.531	24.4	28.1	32.2

USA wins F1 in Schools final
22/09/2010

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Sunday October 17, 2010

Speedy champs

By JEANNETTE GOON
educat@thestar.com.my

THE all-Malaysian F1 in Schools team Raluca F1 beat 24 other teams in the knockout competition to emerge as Knockout Champions at the Singapore recently.

in conjunction with the 2010 Formula One

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At Sports

Jul Razak, Seremban — Haziq Asyraf, Daniel Iman Che Khalqei

THE WEEK IN PICTURES

The lensmen pounding the beat, from Singapore to Brands Hatch

I'VE BEEN MISSING THIS...
Nick Heidfeld reacquaints himself with the challenge of attacking the racetrack on a GP weekend

STARTING FROM POLE AT BRANDS IS AS EASY AS PIE
It's often said that starting from the bottom of the slope isn't advantageous, but now Ford champ Scott Pyle proves otherwise

JENSON COOLS HIS BUTTOMS IN THE PITS
The heat and humidity of Singapore required drastic cooling in the pitboxes, as is demonstrated here by world champ Button

THE REAL US F1 TEAM
We'll done to Team Lotus from the USA, who won the F1 in Schools World Finals in Singapore

TheNational BETA

News Business Sport Lifestyle

Dubai students win F1 prize
Adur Prasad

7 October 2010.

A team of four 12th standard students from the Indian High School, Dubai, won the Technology Challenge Prize in Singapore recently.

The UAE team's Zero.9 car, in collaboration with Australia's Pine Rize in the prestigious event, which saw the participation of 25 teams from 10 countries.

During the competition, students, aged 9 to 18, come from all over the world to compete for the prize.

F1 in schools

Think F1 and words like speed, passion and zeal rush to one's mind. Imagine F1 in schools! Sounds exciting? UK based Andrew Denford devised an innovative plan to keep the spirit of F1 high and begin preparations for this exciting sport right from the school age, read on to know more...

Multiple challenges

F1 in schools is a multi-disciplinary event that involves engineering, design, manufacturing, communication, team work, problem solving, leadership, and more. It is a great way to introduce young people to the world of motorsport and engineering.

US team crowned F1 in Schools champions

The Unlax Racing team from James Madison Middle School, Virginia, and Southeast High School, Florida, took the top honours at the sixth F1 in Schools World Finals event on Wednesday. The initiative sees teams of students researching, designing, testing, manufacturing and racing miniature Formula One cars.

At a glittering awards ceremony in Singapore attended by a host of VIP guests, the talented American students were presented with the Bernie Ecclestone World Champions trophy and coveted Automotive and Motorsport Engineering scholarships to London's City University.

able to pick up key elements from the following areas:

- Application of numbers
- Communication and presentation
- Use of Information and Communication Technology (ICT)
- Managing own learning/personal planning
- Problem solving/crisis management
- Team leadership/management
- Students also understand work related learning:
 - Action learning
 - Learning about work
 - Learning through work
 - Learning for work
 - Mechanical design and build

F1 in Schools Experience Workshop

The F1 in Schools Experience Workshop is a half-day workshop and manufacturing elements of the F1 in Schools Programme. It is an excellent opportunity for students to gain hands-on experience in the design and manufacturing process. The workshop is held at the Singapore Sports School and is open to all students in the F1 in Schools Programme.

Students are then exposed to the world of Formula One and begin their own car which they will use to compete in the F1 in Schools World Finals. The workshop is a great way to introduce young people to the world of motorsport and engineering.

Adaptation to school

Schools can adapt the F1 in Schools Programme to suit their own needs and as part of the students' curriculum. The programme can be integrated into the school's curriculum in a number of ways. For example, it can be used as a cross-curricular activity, where students learn about science, technology, engineering, and mathematics through the design and manufacturing process. It can also be used as a leadership and team-building exercise, where students learn to work together to solve problems and achieve their goals.

Competitions at national and international level

The current F1 in Schools World Champions are Duxton RACING of High School (Florida) and James Madison Middle School, Virginia. They hold the world record time of 1:00.000 seconds. However, the World International Finals, held annually, this record does not take into account, set at the 2009 Australian National Finals by the Raku Raku F1 team. Australia has a national record held by the Raku Raku F1 team. The current F1 in Schools World Champions are Duxton RACING of High School (Florida) and James Madison Middle School, Virginia. They hold the world record time of 1:00.000 seconds. However, the World International Finals, held annually, this record does not take into account, set at the 2009 Australian National Finals by the Raku Raku F1 team. Australia has a national record held by the Raku Raku F1 team.

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Pupils promise to raise the bar after F1 win

Team ABB Zero.9 from the Indian High School Dubai nail the runners-up spot at world finals in Singapore

GULF NEWS

COMPETING TEAMS

TEAM NAME	COUNTRY	SCHOOLS
TEAM Fusion	 England	Lutterworth College
	 Malaysia	Sekolah Pertukangan Perantis Tentera Darat
Team Speeding Psychos	 Portugal	Escola Secundária de Abel Salazar de S. Mamede de Infesta
	 Singapore	River Valley High School
BayWa-F1 Team	 Germany	Heinrich-Heine-Gymnasium
	 USA	Braden River High School
Zer0.9	 Australia	Pine Rivers State High School
	 UAE	Indian High School Dubai
United Raceway	 Canada	Woburn Collegiate Institute
	 South Africa	High School Sasolburs
SIANIDE	 Ireland	O'Fiaich College
	 Northern Ireland	Cambridge House Grammar School
Basilisk Performance	 Australia	Sebastopol College
Team Eclipse	 Bahrain	St. Christopher's School
Eclipse	 Canada	Dr Norman Bethune Collegiate Institute
Qi	 China	Western Academy of Beijing
Speed Performance Show Team	 Czech Republic	SPŠ Prerov

TEAM NAME	COUNTRY	SCHOOLS
Aixtreme Racing	 Germany	Einhard Gymnasium
Blink	 Ireland	St Ailbe's Secondary School
Govannon Racing	 Ireland	Dundalk Grammar School
Inwang Tigers	 South Korea	Han Sung Science High School
Raluca F1	 Malaysia	Sekolah Dato' Abdul Razak
Team Carbon	 Northern Ireland	Regent House School
OPORTO TEAM	 Portugal	RECET
Impact	 Saudi Arabia	The British International School
Schaeffler Hypersonic	 Singapore	Henderson Secondary School
Celeritas	 South Africa	Pretoria High School for Girls
IMPULSE	 UAE	Dubai College
UNITUS RACING	 USA	James Madison Middle School Southeast High School
Dynamic	 UK	St John Payne Catholic School
Team Zenith	 Wales	Bryn Celynnog Comprehensive School



With thanks to LG
and the Formula One™ Teams



MERCEDES GP PETRONAS
FORMULA ONE TEAM



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RENAULT  Team



Where can F1 in Schools take you...?



F1 in Schools Ltd.
2 Savoy Place
London
WC2R 0BL

T: +44 (0)20 7344 8449

F: +44 (0)20 7344 8450

E: contactus@f1inschools.co.uk

W: www.f1inschools.com

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