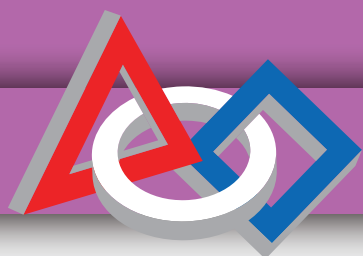


NEWSLETTER

2013 **FLL** MALAYSIA OPEN CHAMPIONSHIP





The FIRST® LEGO® League: 2013 CHALLENGE

“SENIOR SOLUTIONS offers FLL teams the opportunity to gain a new understanding and respect for the process of getting older and the challenges that come with it, but also the benefits that come with it.”

Dr. William Gage
Assistant Professor
York University, Alliance
In Graceful Aging
Steering Committee

“Through the SENIOR SOLUTIONS Challenge, these kids will develop a new appreciation for their elders and be a little more understanding and appreciative of restraints that they might have and, as a result, have a greater connection with them.”

Patti Drelick
President
New Hampshire
Association of Senior
Centers, Ingram
Senior Center



Can FIRST® LEGO® League (FLL®) teams improve the quality of life for seniors by helping them continue to be independent, engaged, and connected in their communities? In the 2012 SENIOR SOLUTIONS™ Challenge, over 200,000 children, ages 9 to 16, *from more than 60 countries, will explore the topic of aging and how it may affect a person's ability to maintain his or her lifestyle—solving issues like getting around, keeping in touch, or staying fit.

*9-14 in the US, Canada, and Mexico

SENIOR SOLUTIONS Missions Include:

- Fix a chair
- Use balls to knock bowling pins down
- Lift a weight as high as possible
- Select the correct medicine
- Turn stove burners off
- Make use of video call screens



FLL teams will:

- Find a senior partner.
- Identify and learn about a problem faced by seniors.
- Research obstacles and then suggest ways to improve the quality of life for the seniors affected.
- Share their problem and solution with others.
- Teams will also build, test, and program an autonomous robot using LEGO MINDSTORMS® to solve a set of missions on an obstacle course.



THE *FIRST*® LEGO® LEAGUE:

HOW IT WORKS

FIRST® LEGO® League (FLL®) created through a partnership between FIRST® (For Inspiration and Recognition of Science and Technology) and The LEGO Group, inspires future scientists and engineers.



FLL Children:

- Learn teamwork skills
- Build self-confidence, knowledge, and life skills
- Research challenges facing today's scientists
- Design, build, and program autonomous robots
- Use LEGO MINDSTORMS® technologies
- Engage with their community
- Compete in tournaments and present their solutions to a panel of judges

How FLL Works:

- Teams of up to 10 children, ages 9-16
- Adult coaches and mentors
- Schools, home schools, churches, civic groups, neighborhood groups
- Parents, teachers, community volunteers
- Corporate sponsors
- New real-world game challenge each year
- Sports-like tournaments with judges and awards

What FLL Offers:

- Discovery of the fun in science and technology
- Real-world application of science and math concepts
- Hands-on problem solving
- Programming experience
- Research presentation project
- Adult role models
- Team activities guided by FLL Core Values
- Self-esteem and confidence

2011/12 FACTS:

- 198,000 children worldwide
- 19,800 teams
- 57 countries
- Food Factor Challenge
- 8-week design, build, and research period
- 50,000+ volunteers
- Over 1000 sponsors
- 560 Qualifying Tournaments
- 117 Championship Tournaments
- 1 World Festival
- 3 Open Championships

THE FIRST® LEGO® LEAGUE: TEAMS

FIRST® LEGO® League (FLL®) puts children in charge. Teams mix curiosity and imagination with LEGO® bricks, sensors, motors, and gears to invent unique, autonomous robots capable of completing various missions.



FLL Teams:

- Investigate, strategize, design, build, program, and test their robotic inventions
- Search the web, talk to scientists, visit the library, and develop compelling research presentations which relate to a problem or opportunity facing the world today
- Develop employment and life skills including critical thinking, time management, collaboration, and communication while becoming more self-confident
- Compete with peers in high energy sport-like tournaments

Getting Started

- Team registration can be done by filling up the registration form requested, and send back to Sasbadi before 31 January 2014
- The annual Challenge is revealed in early September

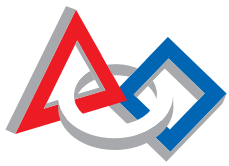
Who can form a team?:

- A school classroom, after-school program, extracurricular group, learning centre, home school, neighborhood group, club or civic organization
- Up to 10 children, ages 9-16, and at least one adult coach

TEAM ACTIVITIES

- Build autonomous robot
- Program robot
- Research real-world challenge
- Deliver presentation project
- Compete at sportslike tournament





FLL
FIRST LEGO® League
MALAYSIA

FLL

MALAYSIA OPEN CHAMPIONSHIP

THE CHAMPIONSHIP
WAS FULL OF...

CHEERS!



FUN!



RESEARCH!



TEAMWORK!





Date : 5th to 7th July 2013
Venue : UCSI University, Cheras, Kuala Lumpur (South Wing)



600 **120** **150** **40**
Participants **Coaches** **Volunteers** **Judges**



FLL MALAYSIA OPEN CHAMPIONSHIP AWARD WINNERS



**CHAMPION'S
AWARD (GOLD)**

JS FLAWLESS (SMJK JIT SIN, PULAU PINANG)



**CHAMPION'S
AWARD (SILVER)**

Robodes (SMJK Chung Ling Butterworth, Pulau Pinang)

Awards Presentation and Closing Ceremony



**CHAMPION'S
AWARD (BRONZE)**

SUPERCALIFRAGILISTICEXPIALIDICIOUS
(SMJK CHUNG LING, AYER ITAM, PULAU PINANG)



Awards Presentation and Closing Ceremony



**BEST CORE
VALUES AWARD**

THE OPTIMUS PRIME
(KOLEJ TUNKU KURSHIAH, NEGERI SEMBILAN)

Awards Presentation and Closing Ceremony



**INSPIRATION
AWARD**

SEMERBAK EXTROVERTEES
(SMK SERI GOMBAK, SELANGOR)

Awards Presentation and Closing Ceremony



**TEAMWORK
AWARD**

NOT SO SENIOR
(ROBOWIS, SELANGOR)

Presentation and Closing Ceremony



**GRACIOUS PROFESSIONALISM™
AWARD**

JCBOT
(SK CONVENT INFANT JESUS 1, MELAKA)

Presentation and Closing Ceremony



**BEST ROBOT PERFORMANCE AWARD
(CHAMPION)**

AVENGER
(CR8 PENANG, PULAU PINANG)

Awards Presentation and Closing Ceremony



**BEST ROBOT PERFORMANCE AWARD
(1ST RUNNER-UP)**

SUPERCALIFRAGILISTICXPALIDOCIOUS
(SMJK CHUNG LING, AYER ITAM, PULAU PINANG)

s Presentation and Closing Ceremony



**BEST ROBOT PERFORMANCE AWARD
(2nd RUNNER-UP)**

PRECISION PHOENIX
(CREATIVE MINDS, WP KUALA LUMPUR)



**BEST PROJECT
AWARD**

MAXIMUS
(SM SAINS HULU SELANGOR, SELANGOR)



**RESEARCH
AWARD**

TRIPLE B
(SMK SERI MANJUNG, PERAK)



**INNOVATIVE
SOLUTION AWARD**

LEGEND GHEETAH
(KUEN CHENG HIGH SCHOOL, WP KUALA LUMPUR)



**PRESENTATION
AWARD**

KLINIK PAKAR KANAK-KANAK JUNINA
(SMK ST.JOHN, SELANGOR)



**BEST ROBOT
AWARD**

TEAM ALPHA
(INTERNATIONAL SCHOOL OF KUANTAN, PAHANG)



**MECHANICAL
DESIGN AWARD**

SEMERBAK IRONHIDE
(SMK SERI GOMBAK, SELANGOR)



**STRATEGY &
INNOVATION AWARD**

MENTARI PROJECT
(CREATIVE MINDS, SELANGOR)



**PROGRAMMING
AWARD**

WISSENSCHAFT
(HIN HUA HIGH SCHOOL, SELANGOR)



**RIISING STAR
AWARD**

HEX-INCEPTION
(SMJK KEAT HWA, KEDAH)



**AGAINST ALL
ODDS AWARD**

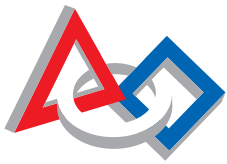
AMAZING 10
(SJKC MIN SIN, PULAU PINANG)

THANKS TO ALL

FLL MOC GRADUATES

TEAMS LIST

[A]lliance SMK SEAFIELD	KLINIK PAKAR KANAK-KANAK JUNINA KLINIK PAKAR KANAK-KANAK JUNINA	ROBOCOM ROBOCOM SOLUTION	Team Alpha INTERNATIONAL SCHOOL OF KUANTAN
ACDC SMKA AL-IRSHAD	Kuantan Salted Fish TECHTRONIC DISTRIBUTORS	Robodes SMJK CHUNG LING BUTTERWORTH HIGH SCHOOL	Team R2U ROBOTS2U LEARNING CENTRE
AMAZING 10 SJKC MIN SIN	LEADERS SK BUKIT MINYAK	ROBOFREE SMK PENANG FREE	TECHNOTEENS SMK PENANTI
Asrama 1Malaysia ASRAMA 1MALAYSIA	Legend Cheetah KUEN CHENG HIGH SCHOOL	RoboMindz CREATIVE ROBOTICS BUKIT RIMAU	THE MINDSTORM TEAM TECHTRONIC DISTRIBUTORS
ATOMIC POWER SJKC KWANG HWA	LUCKY BOT SMK BERAPIT	SEBIANZ SM SETIABUDI	THE OPTIMUS PRIME KOLEJ TUNKU KURSHIAH
Avenger CR8 CREATIVE ROBOTICS LEARNING CENTRE	MAXIMUS SM SAINS HULU SELANGOR	SEMERBAK EXTROVERTEES SMK SERI GOMBAK	TRIPLE B SMK SERI MANJUNG
Buzzer Beaterz CREATIVE MINDS	Mentari Project CREATIVE MINDS	SEMERBAK IRONHIDE SMK SERI GOMBAK	ULTRAHEARTPIECE SMK TINGGI BATU PAHAT
Enigma CREATIVE ROBOTICS EDUCATION SDN BHD	Mustaffa's Family CREATIVE MINDS	SKTM RAPTORS SK TAMAN MEGAH	Vencedora KOLEJ YAYASAN SAAD MELAKA
EVOLUTION SMK BUKIT JELUTONG, SHAH ALAM	NGFORCE SMK MENGGUANG	Sky Hunters SMI VENTURES PARTNERS SDN BHD	Voltronz CREATIVE MINDS
Future Architect SJKC YUK CHAI	Not So Senior ROBOWIS SDN BHD	Sri Sempurnians SEKOLAH MENENGAH SRI SEMPURNA	VORTEX SMK DAMANSARA UTAMA
Hex-inception SMJK KEAT HWA	Paritronics MRSM PARIT	SS TITAN SMK DATUK HAJI AHMAD BADAWI	Wissenschaft HIN HUA HIGH SCHOOL
Infinite Blitzter SMJK CHAN WA, SEREMBAN	PEARL ROBOTZ SK PERMATANG TOK MAHAT	SUPERB DIAMOND SMK TINGGI BATU PAHAT	KINGDOM HEART SMJK CHAN WA, SEREMBAN
INVADERS SMK TAMAN TASIK	Precision Phoenix CREATIVE MINDS	SUPER-BOT ACE SMK TINGGI BATU PAHAT	JB ALPHABOT MRSM JOHOR BAHRU
JCBOT SK CONVENT INFANT JESUS 1	RADICAL MALAY COLLEGE KUALA KANGSAR	Supercalifragilisticexpialidocious SMJK CHUNG LING, AYER ITAM, PULAU PINANG	JS FLAWLESS SMJK JIT SIN (SKK)
	Road Runners SMI VENTURES PARTNERS SDN BHD	SUPERIOR SPADE SMK TINGGI BATU PAHAT	



FLL

MALAYSIA OPEN CHAMPIONSHIP

FLL

FIRST LEGO® League
MALAYSIA

WELL DONE AND MANY THANKS TO OUR COMMUNITY



NEXT CHALLENGE



Can *FIRST*® LEGO® League Teams Help Us Master Natural Disasters?

In the 2013 NATURE'S FURYSM Challenge, over 200,000 children ages 9-16* from over 70 countries will explore the awe-inspiring storms, quakes, waves, and more that we call natural disasters. Teams will generate innovative solutions for what can be done when intense natural events meet the places where people live, work, and play.

Brace yourself for NATURE'S FURY!

*9-14 in the US, Canada, and Mexico

How to Participate

Fill up the registration form and fax it to  +603-6145 1199/+603-6156 9080
The registration closes on **31 January 2014**.

For further information, please contact:

Noor Faiz Bin Zulkiflee : m | +012-579 6886 t | +603-6145 1029
w | lego.sasbadi.com e | lego@sasbadi.com

Organiser



Strategic Partner & Venue Sponsor



Strategic Partners



MOTOROLA SOLUTIONS
FOUNDATION

Supporting Partners



To find out more, visit us at :

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WWW.FIRSTLEGOLEAGUE.ORG
WWW.USFIRST.ORG

SASBADI SDN. BHD. (139288-X)

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