

STEM Outreach Project: MoonBots Fair (5 August 2011)

Our Programme of the Day

Time	Programme
9.50a.m. to 10.00a.m.	Junior 5 & 6 and Senior 1 students enter the hall.
10.00a.m. to 11.00a.m.	<ul style="list-style-type: none"> - Timothy will introduce his team and the team website. - Design LEGO Robot competition (1 Hour). - Sean and Timothy will present 1st sketch entitled <i>Lunar X vs MoonBots</i>.
11.00a.m. to 11.30a.m.	Kenneth will start off with MoonBots quiz.
11.30a.m. to 11.50a.m.	<ul style="list-style-type: none"> - Qin Rou, Kenneth and Yoke Hou will present their 2nd sketch entitled <i>Cold War</i>. - Timothy will demonstrate the students how to use LDD (LEGO Digital Designer) software to assemble robot in 3D. - Prize giving ceremony for the quiz & LEGO Robot design winners. - All students leave the hall except Jr 6H, 5L & Sr. 1 Joy. - Sean, Timothy and Yoke Hou will present to their class about the playing field, robot design & game plan of MoonBots.

Finalists For MoonBots 2.0

Finally, after many hard hours working towards our phase one requirements, we were finally made one of the twenty finalists worldwide.

We are very glad to be one of the twenty finalists in the competition and are willing to work hard to achieve our goal which is to win the first Malaysian team in history to win the MoonBots competition.



TECHNO INVENTORS

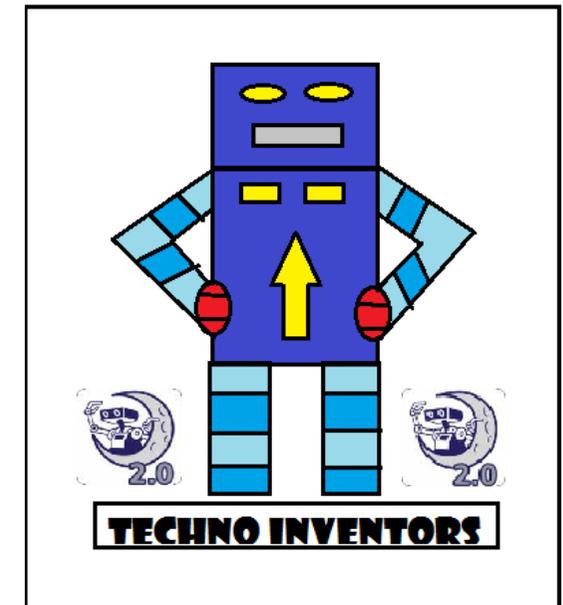
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TECHNO INVENTORS

Where ideas are born.

GET TO KNOW US MORE



Team website: www.technoinventors.yolasite.com

MoonBots website: www.moonbots.org



About MoonBots 2.0

Photo Gallery

Introduction

The X PRIZE Foundation and Google have created the Google Lunar X PRIZE, a new, private race to the Moon that is engaging and exciting the global public while enabling the commercial exploration of space and dramatically reducing its cost.

MoonBots is designed to challenge teams of adults and children to develop innovative systems made from LEGO MINDSTORMS kits that are capable of performing a simulated lunar mission.

The Challenge is considered a “game of skill” and is designed to help teams learn about robotics and team building, while also providing excitement about the new Moon race.

Phase Two Requirements

After the teams from Phase One have developed an education video about their interest in space exploration, Techno Inventors has been selected as one of the 20 finalists in competing Phase Two competition.

To win the MoonBots Challenge, 20 finalists team must design a simulated lunar robot, and test the robot with a LEGO MINDSTORMS kit.

Teams must complete a Science, Technology, Engineering, and Mathematics (STEM) service project in the local community that support their participation in the Challenge. The project should emphasize the importance of exploration of the Moon.

Source from the MoonBots website:

<http://moonbots.org/rules>

