

For the talents of tomorrow: A Science and Technology competition for School Kids, organised by Fraunhofer and Volkswagen.



DUBAI- YOUTH SCIENCE CHALLENGE

SATURDAY, DECEMBER 11TH 2010
WIN AWESOME PRIZES AND THE TITLE
OF THE 'BEST SCIENCE SCHOOL 2010'



Get more info! Visit www.science-challenge.com or email: info@science-challenge.com

THE CHALLENGES!

WATER-ROCKET

A water rocket is an aircraft with a special kind of motor: it ejects a jet of a very fast fluid. According to Newton's third law this creates a reactive thrust on the rocket. In simple terms: it makes a rocket accelerate really fast and reach high speed. If this sounds cool to you, you may consider becoming a water rocket scientist – and here is just the right challenge for you and your team.

PAPER BRIDGE

A bridge is a structure built to span a valley, road, body of water, or other physical obstacle, for the purpose of providing passage over the obstacle. Bridges have to be sturdy and depending on the function of the bridge have specific designs. Building a bridge is an engineering masterpiece and if you are up to it, it's a great challenge for you and your team.

MECHANICAL SNAIL

Mechanics is a branch of physics that deals with motion. A snail certainly moves slowly. A mechanical snail is thus a slowly moving vehicle that is propelled by some kind of motor. If you are willing to fight a battle of forces against friction you and your team will like this challenge!

SUBMERSIBLE ROBOT

A robot is a machine that works autonomously without any remote control. A submersible robot works below the water surface. There are multiple ways to engineer a diving mechanism but beware of the water. If you feel ready to captain a submarine, here is just the right challenge for you and your team.

SOME INFORMATION YOU SHOULD KNOW



AIM

The event is a competition in which teams of talented students present their ingenious machines to a qualified jury.

We are aiming to encourage teamwork and provoke fascination for hands on technology.

WHO CAN ENTER

Kids and students up to the age of 18, registered in any school in Dubai. Groups of 2-3 students will be required.

REGISTRATION

To register online please visit www.science-challenge.com

PRIZES

The grand prize is an amazing trip to Wolfsburg, Germany including a visit to the unique science center Phaeno and the Autostadt, Volkswagen's mobility theme park. Additional cash prizes will be awarded to runners up amounting to AED 60,000. Don't miss this opportunity.

LOCATION

The competition will be held at a convenient location in Dubai. Details about the final location will be updated on the website www.science-challenge.com

Please check back for further information.

EVENT

You can expect:

- A social program
 - Outdoor and indoor areas
 - Food and drinks
 - Giveaways
 - Photographers and the press
 - Lots of teamwork, competition and fun!
 - An amazing day for you, your family and friends
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Find out more about
participating, teams,
registration and other
important information at
www.science-challenge.com



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