

WELCOME TO

the new focus for the Schools Marine Challenge from Engineering your Future.

Formula Sun is an exciting and flexible project that can be delivered in many ways for pupils of all ages; from primary school projects to full delivery of units within KS4 curriculum.

Pupils design, build and race boats powered by solar energy; along the way they have the opportunity to develop skills ranging from project marketing and communication to fluid dynamics and electronic design!!

Even the most land locked schools can participate as test tanks can easily be made from readily available industrial sized guttering.

Popular delivery methods include: club activities (e.g Young Engineers), curriculum projects or a combination of both, open day events, one day challenges, primary links schemes, or even staff training day activities etc etc !!

Formula Sun is tailored to fit engineering curriculum requirements enabling both individual projects and team delivery to take place side by side. This gives considerable scope for a context when pupils carry out work that requires them to engage with employers as part of their course.

Teams compete in four rounds:

- Hull design & manufacture
- Powertrain
- Teamwork
- Racing

Starter kits are inexpensive and key components are recyclable from group to group. The scale of the boats makes it an ideal CAD CAM project, and in this respect we are supported by Techsoft UK who can supply both kits and CAD CAM advice.

Once registered you will receive an information pack containing a host of materials and entry to regional race day events. The annual finals will be held at the prestigious London International Boat Show in January.



ENGINEERING
YOUR FUTURE



Lloyd's Register Educational Trust



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Engineering your future, Skittle Alley, Aynho, Banbury, OXON OX17 3AJ

2009/10 Registration Form Schools Marine Challenge Formula Sun

Date _____

_____ (school name)
would like to participate in the Schools Marine Solar Challenge

Registration £100 to assist with administrative costs and contribute towards Race Day
This cost includes:

- Entry to Race Day for up to 15 persons
- Curriculum delivery materials
- Support, via phone, e-mail, web
- Newsletters

Registration (VAT exempt) Please make cheques payable to High Tension Ltd £100.00

Kits are available from Techsoft UK Ltd

Tel: 01745 535007

Falcon House, Royal Welch Avenue, Bodelwyddan, Denbighshire LL18 5TQ

School Details Approx number of pupils involved / year group _____ / _____

Address _____

County _____

Postcode _____

Contact Name _____

Telephone _____

Fax _____

E-mail _____

Times Break _____ Lunch _____

Signed _____ Position in organisation _____

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