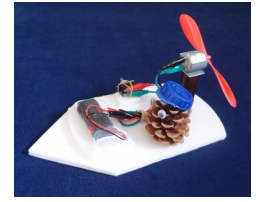


Help Inspire the Engineers of the Future

Fun Class Activity—Fan Boats



The IMechE are seeking 5-10 Members in the Devon and Cornwall Area to pilot the use of a fun engineering activity in primary schools, prior to rolling it out nationally. They will be invited to a two hour training session in Plymouth on Thursday the 10th of September (choose between 2-4 pm and 6.30-8.30 pm) run by Caroline Alliston in which they get to construct their own fan boat and learn how to conduct the activity in class.

The activity was developed by Caroline (IMechE Fellow and STEM educator; see www.technologyforfun.co.uk for more details). It is aimed at Years 4, 5 and 6 (children aged 8-11), and involves a class of children working in pairs to design, build and test a model fan boat, whilst learning about electricity, materials and forces.

The Members will be provided with a kit of parts for a class of up to 30 pupils. The kits will also include a lesson plan, Powerpoint with detailed instructions, risk assessment and pupil worksheet. They will conduct the activity in class during the Autumn term on a date agreed between the Member and the school (it would normally take a full day, but can be done in a morning if required).

Members can work with a class of their choice (e.g. if they have children or grandchildren they would particularly like to work with), or be matched to a school. They will be accompanied by a teacher at all times and will not be expected to control a class on their own! They will be encouraged to tell the children a little bit about themselves and their career in engineering, to engage their interest. After the activity they will be asked to provide feedback about how it went and what could be improved.

If you would like to be involved please contact Area Chairman William Newby,
email: devcornchair@imechenetwork.org or tel:07795 836973.

