Rotary is pleased to announce that the Technology Tournament competition for young people has been accredited by the British Science Association to the CREST Discovery Awards.

The CREST Awards scheme is Britain's largest and most widely recognised national award scheme for project work in the STEM subjects (Science, Technology, Engineering and Math's). It is coordinated by the British Science Association, a charity which advances understanding, accessibility and accountability of the sciences and engineering.

Each of the 100 or more Technology Tournaments held annually, are a day out for teams of four students with an interest in engineering, design, technology and science, to design and build a solution to an unseen technical task within a specific time frame. The teams need to have good communication skills, be well organised and able to show the stages of development of their task solution in a design portfolio. Each team's solution as a working model is competitively tested and assessed by a team of judges. Recognition is given to the winning teams in each of three age categories.

By taking part in a Technology Tournament, organised by local Rotary clubs, students are already demonstrating many of the skills they need to obtain the CREST Discovery Award. These include working systematically, solving problems creatively and relating their project to a real world context. The CREST Discovery Award requires 10-14 year olds to complete at least five hours work on a project in one day.

Calling all Design Technology Students

Your local Rotary Clubs are organising a schools technology tournament in your area

They would be delighted to hear from Design & Technology Teachers who wish to enter teams of 4 in each of the three age groups – Foundation – Intermediate – Advanced.

Rotary Club of ……………………………………..

Contact …………………………………………….

Tel …………………………………………………

Email ………………………………………………

Address ……………………………………………

Address ……………………………………………

Post Code …………………………………………

Website ……………………………………………

Rotary International District 1040

Youth Service

District Contact
Youth Service Resources Team

Project Officer: Bob Tunnicliffe

Bob.tunnicliffe@btinternet.com

Calling all Design Technology Students

ONE DAY EVENT –
NO PRE-PREPARATION REQUIRED BY
TEACHING STAFF

Teams of Four

Each school may enter a team of four students

Into each of the three age categories of:

Foundation - Intermediate - Advanced.

TEAM OF 4	12-14 YEARS	KEY STAGE 3
TEAM OF 4	14-16 YEARS	KEY STAGE 4
TEAM OF 4	16 YEARS +	KEY STAGE 5

The object of the tournament is to give students an unseen Design and Technology problem to be completed in a fixed time.

Material to build their design is provided.

The task also conforms to the national curriculum.

The problem-solving environment enables students to develop their team building and communication skills

The aims and objectives of the TT are:

- To develop students` interest in design, construction and technology.

- To encourage students to develop their team working skills whilst finding and building a solution to a previously unseen task.

- To encourage groups of neighbouring Rotary clubs to work together within and across districts.
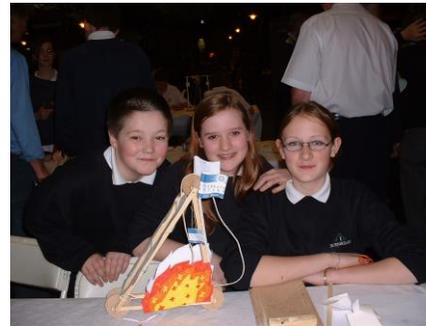
The main features of the TT are: -

All costs are shared by the Rotary clubs involved.

Rotary provides the Task, materials, venue, and trophies.

One organising Rotary club for each TT with help from nearby clubs.

Schools can send teams (4 students/team), one team from each of Key Stage 3, 4 and 5. Best team solution for the Task in each age group wins a trophy. All students receive a personalised achievement certificate for participating.

Planning an event for the first time

A typical eighteen month programme covering years one and two. Autumn year 1

The initiating Rotary Club should contact nearby clubs to see if they are interested in planning a TT. Hopefully there will be enough interest and, from these clubs, a Steering Group (SG) can be formed. Normally the initiating club becomes the Lead Club and a Chairman of the SG is agreed. If there is no interest from nearby clubs then the initiating club should not give up but create its own SG and continue with the resources within the club to stage a first TT hopefully with nearby clubs giving manpower support on the day. In all probability the nearby clubs will want to be involved in the event in the following years.

All other enquiries should be addressed to your Youth Service Project Officer
Bob Tunnicliffe