

COMPRESS

SUMMER 2018

EDITION 008

SCHOOLS' COMPETITION

We were delighted to welcome Trinity Road Primary School to this year's competition, who have kindly contributed the following article. For more information, please contact Claire Styles at friendsoftrinity@hotmail.co.uk.

Children from Trinity Road Primary school were invited to attend the 2018 Chelmsford Science and Engineering Society (CSES) Schools' Engineering and Technology Competition at Anglia Ruskin University to present work they'd prepared as part of a school competition celebrating the Year of Engineering.

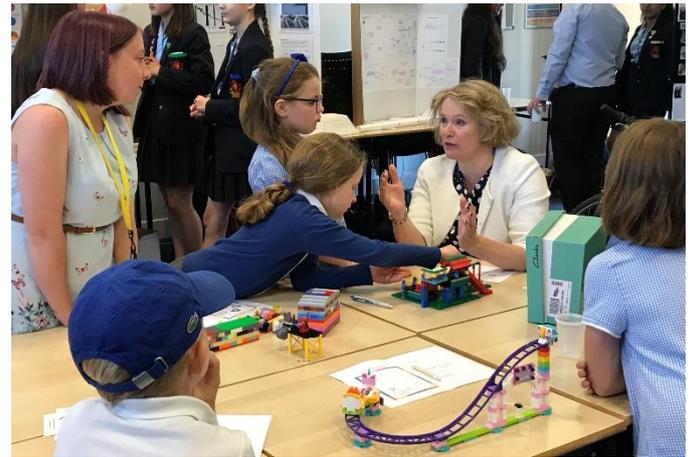


Children from Trinity Road Primary School proudly display their entries for the CSES competition at Anglia Ruskin University

The Primary schoolchildren's work stood out amongst all the other projects, as the only Primary school taking part this year. Adam Wood, who organised this CSES competition, said "We're keen to have more Primary schools take part in this and other STEM activities and events." He added: "The challenge is getting in touch with the right person in a primary school, as they're less likely to have a Science or Engineering lead than secondary schools."

Vicky Ford, MP for Chelmsford, attending the event, spoke in particular to the girls from Trinity Road Primary School,

giving them examples of the opportunities and benefits for women in STEM careers and listening to them explain their LEGO creations.



Vicky Ford speaks to children of Trinity Road Primary School about STEM career opportunities

Competition judges also spoke with the children about their entries for the competition. Judges included retired electromechanical engineer Paul Green (pictured), who applied to be a judge again this year because he's passionate about encouraging young people to "understand what's inside the box."



Competition judge Paul Green speaks with primary school pupil Charlotte

SPONSORS AND PARTNERS



Anglia Ruskin University



Essex County Council



supported by the John Laing Charitable Fund



BAE SYSTEMS

LEONARDO



TELEDYNE e2V
Everywhere you look



ebmpapst

COMPRESS

SUMMER 2018

EDITION 008

Hephzi Angela Tagoe (pictured), founder of the Basildon Street Science fair, now in its third year, is another judge demonstrating their passion for raising awareness of STEM applications to young people and families.



Competition judge Hephzi Angela Tagoe speaks with primary school pupils Erika and Rose

Trinity Road Primary school's PTA launched their first LEGO competition this year, inspired by the Year of Engineering, wherein the children took part by creating a LEGO construction that illustrated an engineering principle. In stark comparison, the annual CSES Competition has been running since 1935, includes over 40 secondary schools from across Essex and over 120 students presenting over 55 projects.

Claire Styles, Chair of the Trinity Road Primary School PTA, who organised their competition said: "We were delighted that we received very positive feedback from parents and children about running a STEM activity. We didn't realise how much support there is out there to include more STEM activities in our primary school. We'll be doing this again next year, that's for sure."

See more on our website:

chelmsfordses.org.uk/competition

TIM HARRIS

We regret to advise that Tim Harris, a longstanding member of the Society, sadly passed away towards the end of last year. He very generously left a bequest to the Society of £500, received earlier this year and for which we are most grateful. Our thanks go to Tim and his family, and our thoughts are with them at this difficult time.

Peter Foreman, a close friend and former Treasurer of the Society, has penned a few words in Tim's memory.

I first met Tim on a Navigation Course about 30+ years ago, but he had no boat! We became friends and I was delighted to have him as crew on my sailing boat, Jestabel, and we enjoyed many years sailing together.

When I was Treasurer of the Chelmsford Science and Engineering Society, he became a member and helped me with the membership table at meetings. He regularly attended meetings and Presidential Dinners. He was always a welcome member with an abundance of humorous stories. Kathleen and I were sorry to lose someone so young last year but are most grateful for his bequest to the Society for its benefit.

— Peter Foreman

STEM CLUB BURSARY

Congratulations to Alec Hunter Academy, who received £300 from our Bursary for their year 7-8 STEM Club. This will fund an all-in-one quadcopter starter kit. Students will design and produce items for the aircraft, such as camera holders, propellers and landing gear, with the school's 3D printer. The drone can then be used for aerial surveillance and incorporated into physics and geography lessons.

See more and apply on our website:

chelmsfordses.org.uk/bursary

SPONSORS AND PARTNERS



Anglia Ruskin
University



Essex County Council



supported
by the
John Laing
Charitable
Fund



BAE SYSTEMS

LEONARDO



TELEDYNE e2V
Everywhere you look



ebmpapst

COMPRESS

SUMMER 2018

EDITION 008

NEW CONSTITUTION

Thank you to everyone who attended our Extraordinary General Meeting on Wednesday 16 May to approve our new constitution. This can now be read on our website.



See more on our website:
chelmsfordses.org.uk/constitution

CAFE SCIENTIFIQUE

The Society held another successfully Café Scientifique session on Wednesday 4 July at the newly refurbished ARU Students' Union Bar, 92.

The subject was *Personalised medicine: the hope and the hype*, led by Dr Gemma Chandratillake, Education and Training Lead, East of England Genomic Medicine Centre.



Café Scientifique is a place where, for the price of a cup of coffee or a glass of wine, anyone can come to explore the latest ideas in science and technology. Meetings take place in cafés, bars, restaurants and even theatres, but always outside a traditional academic context.

Our thanks to Gemma for an excellent talk and discussion, and to Tony Bickley and his team at 92 for opening the bar for us. We look forward to using the venue again!



We are hoping to hold another Café Scientifique event in September and are currently reconciling speaker and venue availability. Please look out for an invitation.

Do you have a topic you'd like to present and discuss informally over a few drinks? Please get in touch if so as we're always looking for speakers!

See more on our website:
chelmsfordses.org.uk/cafesci

COMING UP

September TBD: Café Scientifique

Thu 18 Oct: Curry at the Balti King

Thu 1 Nov: My Smarter Essex – NOW BOOKING

Thu 13 Dec: Christmas drinks and dinner

Wed 30 Jan: IET Faraday Challenge – NOW BOOKING

chelmsfordses.org.uk/events

SPONSORS AND PARTNERS



Anglia Ruskin
University



Essex County Council



supported
by the
John Laing
Charitable
Fund



BAE SYSTEMS

LEONARDO



TELEDYNE e2V
Everywhere you look™

EDS
eds engineering limited

ebmpapst