

Wednesday 27th September 2023

Re: BAE & CREATE EDUCATION 3D PRINTING CHALLENGE

Dear Parent/Carer

The Creative Technologies faculty are involved in a partnership with Create Education and BAE Systems, and this year will be taking part in a Lancashire wide competition based on the brief of 'designing and 3D printing a prototype product that will help to improve either our waterways or animal habitats'.

The challenge involves pupils working in small teams to research their chosen area of focus, develop product designs and prototype these using 3D Design software Onshape and the 3D printer.

The work of outcomes of one or two groups will then be submitted to BAE Systems for judging against work submitted by teams from other schools. Prizes will be awarded for different elements of the projects, with an award event being held at BAE Systems in February.

The challenge will be running as part of our enrichment offer after school each Monday 3.10-4.10pm up until 14th December.

If your child would like to take part (they can arrange their own team or join a team with others that attend) please ask them to **sign up by either emailing or seeing Ms Walsh** as places are limited to 30.

The first session will take place in 322 on Monday 2nd October 3.10-4.10pm.

I look forward to working with your child and to seeing the fantastic responses they will create! If you require any further information, please email me at cwalsh@shuttleworth.lancs.sch.uk.

Yours sincerely



Ms C Walsh
Teacher of Art and Design & Technology.