

## Solutions For the Planet – Regional Final



Three of our 5 Year 7 teams were lucky enough to get through to the regional final of the solutions for the planet competition. The teams had to present their idea to a group of judges and a room full of pupils. One of our teams were runners up with their idea “ASAP Packaging” which was a development on food banks but packages would be delivered via drones rather than people going to pick up the packages them selves. All pupils who presented at the final will receive a Bronze Crest Award for their efforts

## Laura Stewart – CTE pupil of the year award

Mr Green nominated Laura Stewart for a pupil of the year award run through the Bradford Careers and Technical Education programme (CTE). She was shortlisted for the competition because of her success in achieving an Arkwright Scholarship this year. The award ceremony took place on the 5<sup>th</sup> July and Laura was successful in winning the award!! Well done Laura

## F1 in schools

A group of Year 10 Engineering pupils have been developing their F1 in schools car over the last few months. They have developed CAD/CAM skills, used 3D printers and engineering software such as Fusion 360. They have produced a video presentation which has been sent off to the judges along side the car they have manufactured. This will be tested by the F1 in schools team and fingers crossed they get through to the next round.



## Crest Awards.

As well as the Year 7 pupils receiving a Bronze Crest award for their work with the Solutions for the Planet Competition we have a number of other pupils aiming to receive a Crest award. A group of Year 12 pupils are working towards their gold award ( 70 hrs+ of work) in developing their Nano satellite and Gallagher (Year 9) is gathering his research on developing a robotic hand with the hope of receiving a silver Crest award. Crest awards are like DofE but with a STEM focus.

## E is for Engineering – Leeds University Trip Year 7 & 8

In May, 45 Year 7 and 8 pupils visited Leeds University. As well as touring the Mechanical Engineering faculty pupils took part in a variety of workshops including, designing medical equipment to help in operations



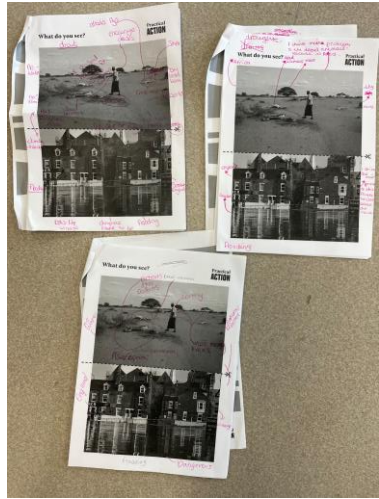
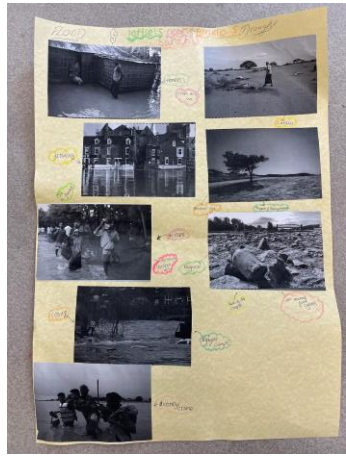
And designing, testing and making a glider out of wood

## E is for Engineering – Leeds University Trip Year 9

A group of Year 9 pupils visited Leeds University in June. They took part in a number of workshops including testing and developing cement with an environmental focus and taking part in a Egg drop competition

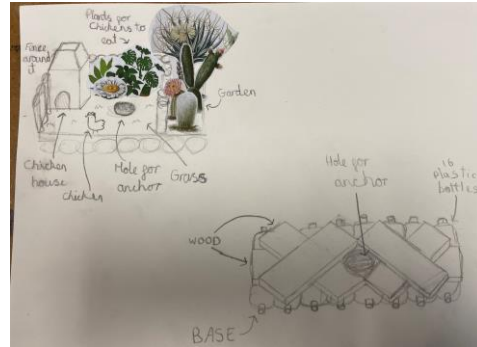
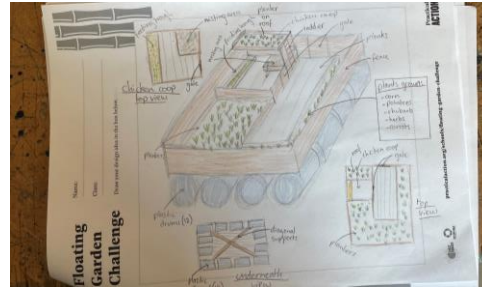


## Setting the scene - Humanities

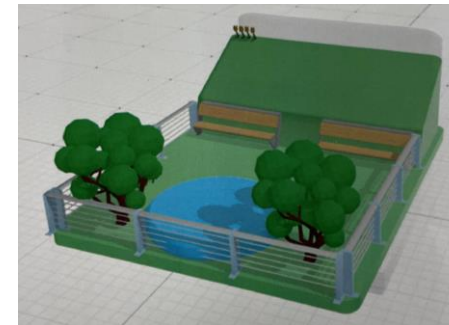
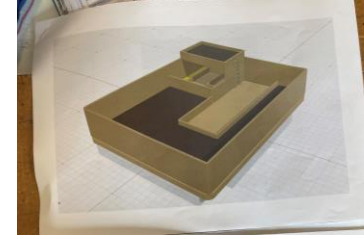


# Year 8 STEM Week

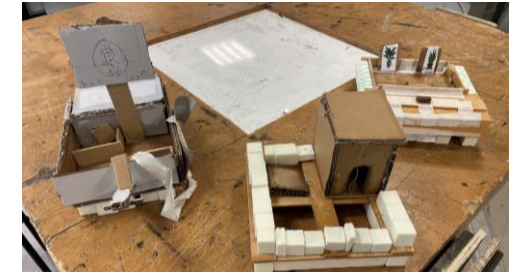
## Designing - Art



## CAD Drawing – Computer Science



## Making & Testing - DT



| Team             | Shed | Weight | Contributions | Total |
|------------------|------|--------|---------------|-------|
| Oliver & Tom's   | 1    | 8      | 3             | 11    |
| Evon & River Tom | 2    | 8      | 4             | 12    |
| Tom Jake         | 0    | 2      | 1             | 3     |
| Leah & Sam       | 3    | 2      | 3             | 8     |
| Anna & Rishi     | 2    | 10     | 3             | 15    |
| Diya & Iva       | 1    | 3      | 1             | 5     |
| Oliver & Iva     | 4    | 5      | 2             | 11    |



In May, all Year 8 pupils took part in a STEM activity as part of the STEM/Outdoor Education week. The sessions were delivered by subject specialists from Humanities, Art, Computer Science and Design Technology. Pupils had to work in small groups to research, design and make a floating garden that would help people deal with the increased flooding that occurs in Bangladesh because of climate change. Pupils and staff worked hard all week and the photo's above show some of the amazing work that our pupils produced throughout the week.