



Inspiring the leaders of tomorrow to think for themselves and act for others

MESSAGE FROM MR LAWLOR

We will publish our Summer Term newsletter, *Communitas*, next week, so this will be our final bulletin of this academic year.

As we come towards the end of the Summer Term, I would like to congratulate our wonderful Year 11 and Year 13 students, who have now completed their GCSE and A-level public examinations. Full credit to them all for their hard work and commitment; we look forward to marking their achievements when the results are published in August. Hopefully, between now and then there will be plenty of time for them to draw breath and enjoy the summer period.

A big thank you, as always, to the amazing staff at CCHS. We are a big school now and colleagues all work hard and well to do their very best for our students across all year groups. And, of course, thank you to CCHS families for your support and encouragement of our work with your daughters. I have had the opportunity to meet lots of parents during this academic year, at key events, such as Parents' Evenings, the School Production, Music Concerts, etc. These conversations are always powerful reminders of our collective and strong commitment to our school community.



CCHS Ethos

We amplify, and so fortify, our School vision and aims, as well as pursue links between subject disciplines, to cultivate core values, which direct and drive our work: **citizenship, distinction, challenge, duty, imagination, enlightenment and diversity**. This ethos forms our covenant with the CCHS community:

- Mission *A ambitious grammar school community, committed to excellence in girls' education and empowerment.*
- Vision *Developing the leaders of tomorrow – **citizenship**: inspire future citizens to think for themselves and to act for others.*
- Aim *The pursuit of excellence – **distinction**: provide students with an outstanding education, with students doing their best in all endeavours.*
- Aim *Fulfilling individual potential – **challenge**: motivate students to acquire new knowledge & understanding and stimulate them to develop new skills & attributes.*
- Aim *Contributing to the community – **duty**: ensure students conduct themselves with civility and compassion at all times, supporting each other and looking beyond themselves.*
- *English, Sport and Arts subjects – **imagination**: enable students to explore new ideas and empathise with the thinking of others, without limitation or risk.*
- *Mathematics, Computer Science and Natural Sciences subjects – **enlightenment**: equip students with the insight and determination to embrace new ideas, technology and innovation, enabling them to contribute to the ever-changing natural and physical world around them.*
- *Humanities, Languages and Social Sciences subjects – **diversity**: provide students with the tools to respect and celebrate the great diversity of cultures, backgrounds and beliefs, within and beyond the School, whilst recognising that we have more in common than that which divides us.*



D e s i d e r a t a

G O P L A C I D L Y amid the noise

and the haste, and remember what peace there may be in silence. As far as possible, without surrender, be on good terms with all persons. Speak your truth quietly and clearly; and listen to others, even to the dull and the ignorant; they too have their story.

Avoid loud and aggressive persons; they are vexatious to the spirit. If you compare yourself with others, you may become vain or bitter, for always there will be greater and lesser persons than yourself.

Enjoy your achievements as well as your plans. Keep interested in your own career, however humble; it is a real possession in the changing fortunes of time.

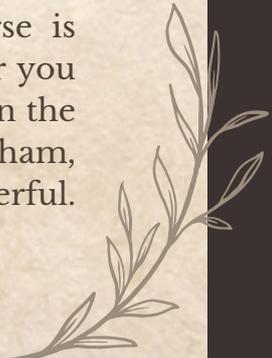
Exercise caution in your business affairs, for the world is full of trickery. But let this not blind you to what virtue there is; many persons strive for high ideals, and everywhere life is full of heroism. Be yourself. Especially do not feign affection. Neither be cynical about love; for in the face of all aridity and disenchantment, it is as perennial as the grass.

Take kindly the counsel of the years, gracefully surrendering the things of youth. Nurture strength of spirit to shield you in sudden misfortune. But do not distress yourself with dark imaginings. Many fears are born of fatigue and loneliness.

Beyond a wholesome discipline, be gentle with yourself. You are a child of the universe no less than the trees and the stars; you have a right to be here.

And whether or not it is clear to you, no doubt the universe is unfolding as it should. Therefore be at peace with God, whatever you conceive Him to be. And whatever your labors and aspirations, in the noisy confusion of life, keep peace in your soul. With all its sham, drudgery and broken dreams, it is still a beautiful world. Be cheerful. Strive to be happy.

by Max Ehrmann ©1927





Student Achievements

Have you got some news to share?
If so, please email Mrs Gross (jgross@cchs.co.uk) and attach a photo or logo, if applicable.

Huge congratulations to our Year 9 students Eloise, Frankie, Maddy, and Lilly, who won the Rampaging Chariots competition on Saturday. They also won the category of 'Best Engineered Robot'. Thank you to Mr Nicholls for organising this fantastic opportunity for the students, and for the invaluable support and guidance in building the robot and preparing them for the competition.



CCHS Athlete of the Week

Our Athlete of the Week is Esther, 12JCH.

She has gone above and beyond her role of Sports Official and is always supporting the department at every opportunity. She is representing England in the U22 Volleyball team twice this month and we could not be prouder of her.

Well done, Esther!



Arrival at and departure from school

We continue to engage with local residents (First Avenue, Corporation Road, Swiss Avenue, Westfield Avenue and Elms Drive) concerning their experiences during student arrival and departure periods.

Further to my communications on this matter previously, I note below key points of information to support CCHS families:

- Chelmsford City Council provided the following about the use of Rectory Lane car park:

“Please be advised there is a standard five-minute grace period on all vehicles to allow the purchase of a pay and display ticket. Therefore, any vehicles that are in the car park for the purposes of dropping off and / or picking up should fall within that grace period.”

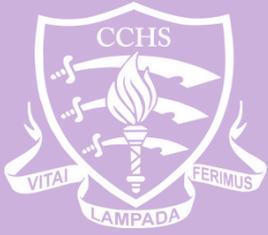
- As a result of the concerns raised by local residents regarding instances of inconsiderate and at times dangerous parking, South Essex Parking Partnership noted that their Parking Enforcement Team will be stepping up their patrols in the area.
- Our School Eco Committee is undertaking work, supported by the local authority, to explore how students travel to and from school, and how we could support both school families and the wider community with matters of travel, parking and congestion.
- Our Senior Leadership Team is working with local officials and local politicians on the matter of parking and congestion, and we have made suggestions to support this work, including the idea of creating a new entrance/exit point to the school site on the Chelmer Valley Road (east side of the campus).

Thank you, as ever, for your support in ensuring that we are mindful of local residents, as we work to keep people safe and relations cordial.

Please be aware of your surroundings when dropping off and picking up students to and from school. The area directly outside our school, in Broomfield Road, is a very busy thoroughfare. A vehicle which is not parked safely can be dangerous for other vehicles, as can dropping off/picking up students in the buslane.



ROAD SAFETY



CCHS PARENTS' ASSOCIATION

The PA are pleased to announce that the winners of the Wishlist Lottery are:

For July

Mr & Mrs J.R. Ulph

Mrs R. Gundry

A.M.K.C. Cheung

Cheques will be given out at school.

Instrumental/Vocal Lesson End of Year Reports

If your daughter has had instrumental/vocal lessons during this academic year, then they will have received their end of year reports from their teachers in one of their final lessons up to the end of next week. If your daughter is in year 11, 13 or missed their final lesson then they will be sent out in the post by the end of next week.



New School Policy

For your general information, parents are advised that a new 'Community Policy' has recently been adopted by the Academy Trustees. The new policy can be viewed on the CCHS website [here](#).

Buzz in the City



Mr Harvey is one of the artists selected for Farleigh Hospice's Buzz In The City (Chelmsford's first sculpture trail). His bee can be found at the top of town in Tindle Square.

You can visit www.buzzinthecity.co.uk for more information. The sculpture will remain in Chelmsford until 9th September, when it will be auctioned to raise money for Farleigh Hospice.

Our school Bee is also now on display and can be found in Chelmsford Library.



29. Bee true, bee you by Jonathan Harvey-Thomas

Jonathan Harvey-Thomas is a Welsh artist and teacher based in Essex, passionate about elevating the arts in education. He dedicates himself to making creativity a central focus for his students and community. Jonathan's artwork is featured in Chelmsford's Concrete Canvas project. While working full-time at Chelmsford County High School for Girls, he continues to create original pieces in his home studio, balancing his commitment to both teaching and artistic practice.

www.jonnyrv.wixsite.com/artwebsite



STEM PROJECTS

CSES- ARU Science and Engineering Saturday Club

The CSES Saturday Club for Science and Engineering is a brilliant opportunity for Year 10 students who are interested in exploring careers in STEM. Over the course of the programme, we took part in a range of engaging sessions designed to broaden our understanding of STEM beyond what is typically taught in school. We had access to specialist equipment and facilities that aren't usually available in a school setting, and we were able to participate in visits to STEM organisations and universities, including a particularly memorable trip to University College London (UCL). These experiences offered a valuable insight into the world of STEM and the many opportunities available within it.

One of the highlights of the programme was the chance to explore super-curricular topics through a variety of talks, workshops, and activities. These went beyond the school curriculum and introduced us to new and exciting areas of science and engineering. I particularly enjoyed the practical and competitive elements of the club: activities such as creating agar art using bacteria and learning about the principles and processes of engineering – specifically designing bridges- through chocolate welding were both fun and educational. These sessions not only allowed us to apply our scientific knowledge in creative ways but also helped develop our teamwork and problem-solving skills, which we learnt were essential skills in all STEM fields.

The Saturday Club provided an excellent balance between learning and enjoyment. It gave me the opportunity to meet like-minded students who share an interest in STEM, and it really helped me to consider how I might pursue these subjects further in the future. It was inspiring to hear from professionals working in STEM fields and to see the real-world applications of what we learn about in class. I thoroughly enjoyed my time in the Saturday Club, and I would definitely recommend it to any student who wants to expand their knowledge, gain experience, and explore potential STEM careers outside of the classroom.

Ananya, (Year 10)

CSES TEXPO Competition

CCHS was delighted to once again take part in the annual TEXPO Competition, hosted by the Chelmsford Science and Engineering Society at ARU. A total of nine innovative projects were presented by our students, making this an excellent opportunity to showcase their creativity, technical skills, and problem-solving abilities.

The event provided a valuable platform for students to receive expert feedback from professionals in science and engineering, helping them refine their ideas and gain insight into real-world applications.

On the next page are a selection of student reflections, offering insights into their projects and the experiences they gained throughout the journey:

Gold Crest Project with BAE Systems - Cave Infrared Detector Rover

We have had the fantastic opportunity to work on a STEM project that combines principles of robotics and mechanics to construct CIDEr — our Cave Infrared Detector Rover. This rover is equipped with an infrared thermal sensor connected to an LED matrix display, capable of detecting heat-emitting masses in dark or enclosed environments. The aim of our project was to demonstrate a clear, real-world application in aiding search and rescue operations in places too dangerous for humans, such as burning wreckage or unstable caves. It was a challenging but incredibly rewarding journey, including a site visit to our sponsor company, BAE Systems, where we gained hands-on experience soldering wires and learning the fundamentals of 3D printing.

However, the project would not have been as fulfilling without the challenges that came in its way. Our main drawback was the malfunction of our Raspberry Pi 5, which began to smoke due to a voltage overload, causing damage to internal components. This was an expensive mistake, as sourcing a replacement was necessary. Fortunately, our sponsors provided a Raspberry Pi 4, which proved more compatible with the Python libraries we were using — some of which were not stable for the Pi 5. We also initially faced issues importing the correct Python libraries to control the thermal sensor and LED matrix, particularly for infrared sensor integration. Despite these barriers, by researching online tutorials, and testing small sections of code, we learned to install and use the right libraries effectively, building programming confidence along the way.

It was a particular highlight to showcase our project at the TEXPO Competition, not only to present our own research, but to spectate the innovative ideas of many like-minded individuals, each project brimming with creativity. This journey has been incredibly meaningful, allowing us to reflect on many vital aspects of team collaboration. We now understand that success doesn't always come the first time, yet through trial, error and research, solving problems becomes an enjoyable task, and that, to us, is what real engineering is about.

Sarah (12PKU), Divija (12 JVI) Annabel (12JPO) , Aira (12JCH) , Lily (12JPO)



Gold Crest Project with BAE Systems - Landmine Detecting Rover

Over the past year, my team had the opportunity to collaborate with the defence company BAE Systems on a project for submission for the Gold CREST Award. We chose to develop an autonomous landmine-detecting rover capable of navigating a 5x5 grid and identifying copper metal buried beneath the surface using a metal detector sensor. Copper was selected because it is commonly found in landmine components.

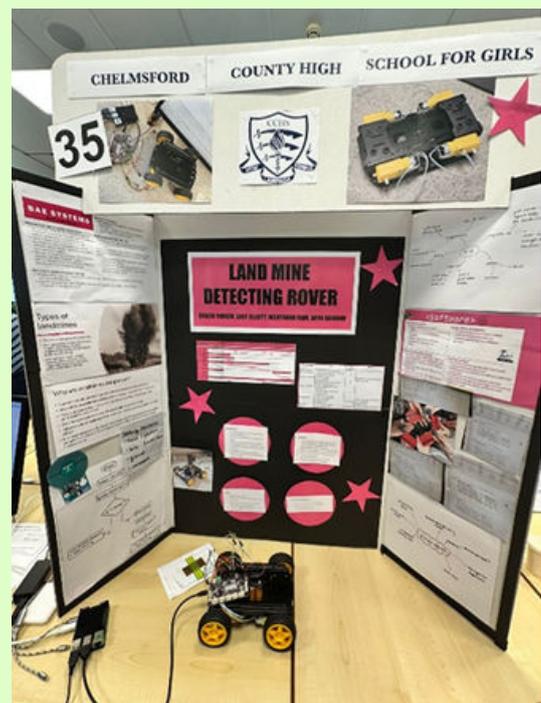
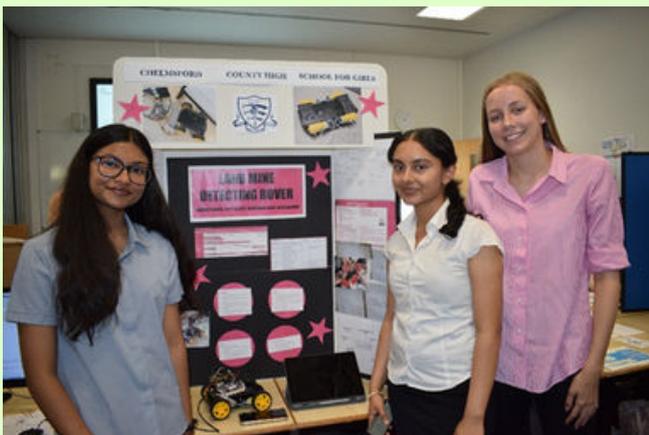
One of our key achievements was successfully programming the rover to stop and send a signal to the user when metal was detected, as this feature took several days of testing to perfect. A major technical challenge we faced was controlling the rover's movement, due to issues with the motor controllers. We resolved this issue by replacing our Raspberry Pi with a Robo Pico board, which included built-in motor drivers that were much easier to program using MicroPython.

A highlight of the project was completing a four-day work experience placement at BAE Systems' Great Baddow site during the May half-term. There, we learned about the daily work of engineers and learnt about topics such as robotics, 3D printing, and radio frequency signals. We also had the opportunity to visit an anechoic chamber, which is used to test how electromagnetic waves interact with components and products, which was particularly fascinating. We also had dedicated time to work on our project with support from BAE's engineers, which helped us overcome technical hurdles and deepen our understanding of engineering problem-solving.

We also presented our project at the Chelmsford Science and Engineering Society TEXPO Competition at Anglia Ruskin University. Discussing our project with two pairs of judges allowed us to receive valuable feedback on how we could refine our design and improve our project.

Overall, this project was an incredibly rewarding experience, as it not only strengthened our technical skills but also confirmed our interest in pursuing careers in STEM.

Keerthana (12PKU), Arya (12DMI), Gracie (12DNO), Lucy (12AHN)



Year 10 Engineering Club - DynaLight

Our project is called DynaLight and it is a dynamo powered LED wheelchair attachment that not only will help to increase visibility of the wheelchair user but to also improve the safety of them and those around them. Some of our highlights throughout our project was learning a variety of new skills such as soldering, electronics, and software-based skills too! We learnt how to use the laser cutter, and we cut our main hardware from this. Within the process we faced a few challenges, including time to solder and mantle all the LED clusters to the acrylic, and switching from our original prototype of Solar power. During our time in the engineering club, we had support from Mrs Kurian, Mrs Madle, and Mr Bye (an external engineering volunteer). Once we had completed our project, we had the privilege of also being able to compete in the TEXPO Competition at ARU, this was so fun as we were able to explain and show off our project to other like-minded students and judges and also look around and see all the other amazing projects around the local area. Overall, we have all enjoyed our time in the Engineering club and would highly recommend getting involved as it is not only enjoyable but helps with all kinds of life skills even if you're not sure on what field of work you would like to go into yet.

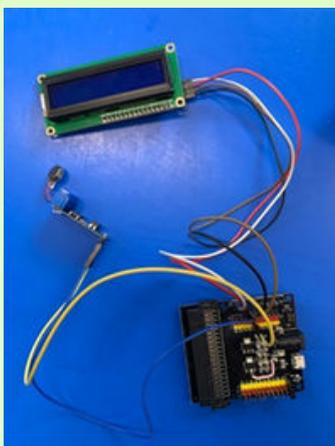
Ophelia (10F), Bella (10 F), Ennette (10 S), Harini (10C)



Year 10 Engineering Club - Team NoVAC

Our project is called NoVAC (Non-Verbal Appliance for Communication). It was designed using microbits to aid interaction between teachers and students with speaking difficulties. The student would have a small device with buttons and the teacher another but with an LCD screen and vibrator. The two devices interact with each other via radio waves and the buttons on the student's device represents an urgent message that the child may quickly need to communicate to the teacher. The message would then be displayed on the teacher's device on their desk, and they would be notified with the vibrator. We connected together the correct physical components in the microbit starter kit we were given and coded our microbits and created a 2D design for the casing which was then laser cut. Even though we faced some challenges such as problems with our code, we all enjoyed working on a project like this because it is not something we get to do very often. As a result, we have learned a lot from the experience such as the importance of time management, teamwork, creative thinking to produce an idea and presentation skills.

Anshu (10G), Vinusha (10S), Riya(10S), Snithika (10C) and Angel (10A)



CCHS News this week...

SENIOR PREFECT CHARITY AFTERNOON

Posted: 11th July 2025

The CCHS Senior Prefect Team are organising a fête and festival for the entire school community, entitled 'Amplify', taking place this afternoon. Building on their theme of 'Your Voice, Your Power', the Senior Prefects have planned a colourful afternoon of celebration and fun to raise money for VoiceAbility, a national charity which offers advocacy and support for those who may need assistance in having their voices heard. Many of VoiceAbility's services are specifically for people with long-term conditions, such as dementia or learning disabilities. About half of the people they work with are over the age of 60. Thank you to the Senior Prefects and the Parents' Association for all the work that has gone into planning this charity event.

Sixth Form - Chelmsford County High School for Girls



ENRICHMENT DAY 3

Posted: 7th July 2025

We have our third Enrichment Day taking place today, with each year undertaking particular activities. We are also welcoming primary pupils from local schools to enjoy a day of creativity with us!

Enrichment Days - Chelmsford County High School for Girls

Leaders of Tomorrow - Chelmsford County High School for Girls



OXFORD GERMAN OLYMPIAD

Posted: 7th July 2025

Congratulations are due to both Anvesha and Saisha (Year 7). They both took part in this year's Oxford German Olympiad on the theme of Spiel and Sport. They could choose whether to create a board game, write a comic strip about a favourite sportsperson or write about a film or theatre role that they have played or would like to play - all in German! Saisha was awarded Highly Commended in the Year 7-9 age group for her entry about the film/theatre role.



BUZZ IN THE CITY

Posted: 7th July 2025

Many congratulations to Mr Harvey, who was one of the artists selected for Farleigh Hospice's Buzz In The City (Chelmsford's first sculpture trail). Mr Harvey's Bee can be found in Tindal Square until 9th September, when it will be auctioned to raise money for Farleigh Hospice.

The CCHS school Bee is also on display and can be found in Chelmsford Library.

A link to a BBC article about the sculpture trail can be found [here](#).



CCHS ARTS WEEK

7th July 2025

We are looking forward to several days of creativity across the school with our Arts Week. This will include our work with primary pupils today, the Cabaret Concert on Tuesday, the BIG Art Painting activity on Wednesday, a series of outside musical performances at the end of the week, culminating with a KS5 Art Exhibition...

RAMPAGING CHARIOTS COMPETITION

Posted: 7th July 2025

Huge congratulations to our Year 9 students Eloise, Frankie, Maddy, and Lilly, who won the Rampaging Chariots competition on Saturday. They also won the category of 'Best Engineered Robot'. Thank you to Mr Nicholls for organising this fantastic opportunity for the students, and for the invaluable support and guidance in building the robot and preparing them for the competition.

SPORTS DAY

Posted: 9th July 2025

All the best to our student athletes, who are competing in today's House Athletics Championships Sports Day. Thank you to the PE Department and all the school staff who will be running the day.

Sports - Chelmsford County High School for Girls



CABARET CONCERT

Posted: 8th July 2025

We are looking forward to our Cabaret Concert this evening. Congratulations to our student musicians, who have worked hard to prepare for their performances, and thank you to the Music Department, including our wonderful Instrumental Music Teachers, for all their work with and support for our students.

The Arts - Chelmsford County High School for Girls

HOUSE DRAMA

Posted: 10th July 2025

Good luck to all the students taking part in House Drama today, and thank you to Miss Holt for all the great work co-ordinating the House system across the year.

House System - Chelmsford County High School for Girls



JACK PETCHEY AWARDS EVENING

Posted: 10th July 2025

Many congratulations to Harriet (Year 13), Nina (Year 13), Sophie (Year 9), Holly (Year 12), Sarah (Year 11), Devanshi (Year 12), Sage (Year 13), Emily (Year 9), Darryl (Year 10), and Mr Copper, who received their Jack Petchey Awards at a celebration ceremony this week. Thank you, as always, to the Jack Petchey Foundation.

The Jack Petchey Foundation Award Scheme - Chelmsford County High School for Girls





Elevate Education's Summer Term

Parent Webinar Series

Elevate Education delivers high-impact workshops to our students that help to develop their study skills, motivation, and exam preparation. Over the next term, you're invited to join their parent webinar series, where you can help support your child at home by reinforcing the skills they're learning at school.

How You Can Set Your Child Up for Success

15th July 6:00pm (BST)

Register today at: <https://go.elevateeducation.com/ukschoolwebinar>



ORGANISED BY
CCHS
PARENTS'
ASSOCIATION



THE WEIGHT OF THE CLOTHING
MAKES MONEY FOR THE SCHOOL

ADULT &
CHILDRENS' CLOTHING



REDUCE
REUSE
RECYCLE

HOUSE CLOTHING COMPETITION!!



HANDBAGS

29TH SEPTEMBER

8-9AM



SCARVES

IN THE DINING AREA



HATS



BELTS

START SAVING UNWANTED CLOTHES NOW! 😊

HELP YOUR HOUSE WIN
BY HAVING THE
GREATEST NUMBER OF
BAGS FULL OF
CLOTHING



CLOTHES BAGS WILL BE
DELIVERED TO YOUR
TUTOR GROUPS AND
EXTRA BAGS WILL BE
AVAILABLE FROM THE
FRONT OFFICE



PAIRED SHOES



FASHION
ACCESSORIES





**JOIN
OUR
TEAM**

CCHS Parents' Association

Why not come along to our next meeting and see what we're up to and how you could help? Alternatively, contact us at pa@cchs.co.uk

We're currently have the following vacancies:

- Vice-Chair
- Management Committee positions
- Volunteer Co-ordinator
- Adventure Island Ticket Sale Co-ordinator
- Christmas Raffle
- Store Cupboard Team
- Advertising

Parentkind
Member Association



Chelmsford County High School for Girls

Keep on swimming!



Context

The CCHS swimming pool was built in the 1960s, partly from funds raised by CCHS families. Dedicated upgrading and maintenance work over the years has ensured that the pool has served generations of students and young people across the Chelmsford community.

At the moment, our pool supports the PE curriculum for our 1,162 students, as well as nearly 200 pupils from five local primary schools, and nearly 600 young people from the wider community who use our pool with clubs.

Our swimming pool is truly a community pool.

Goal

Now is the time to modernise this important community resource to preserve it for future generations of students, pupils and young people. We are asking for your support now, just as the CCHS community rallied in the 1960s to ensure a pool was built, to help us achieve this important goal.

Fundraising

We estimate that the pool will require up to £250,000 over the next two years to bring it back to a suitable condition to support swimming in our community for the foreseeable future.

Our immediate need is to replace our aged boiler and gas pipework, which will cost approximately £35,000.

We will be organising some sponsored events and other fundraising activities, however if you are able to support us with any amount, we have a fundraising page available at <https://www.totalgiving.co.uk/appeal/Keep-CCHS-Swimming>

