

# THE REDNOCK REVIEW



TERM 2 - 2023/24  
22ND DECEMBER 2023

Dear Parents/Carers

It is with great pleasure that I write to you at the end of term and as we reach our Christmas holiday. What a festive and full edition of the Rednock Review we have for you! As we enter the festive period, as well as thanking you for your continued support, I wanted to remind you that our students return on Tuesday 9th January 2024. Normal school timings apply. Please support us by ensuring your child arrives back in full school uniform and with the equipment they require to learn effectively. They need to pack for a Tuesday, Week B.

Well, it has certainly been a very busy term for our school community and it feels like the holiday has arrived just at the right time for our students and staff. Christmas will inevitably mean something different to each of us. For me, it is a chance to be with my family, friends and loved ones; to take a breath and remind myself of all that I am grateful for. It's a precious time that I treasure. So, with the majority of our GCSE students having been to watch 'A Christmas Carol' this term, I thought it fitting to provide you with a quote from Charles Dickens to express our best wishes (right).



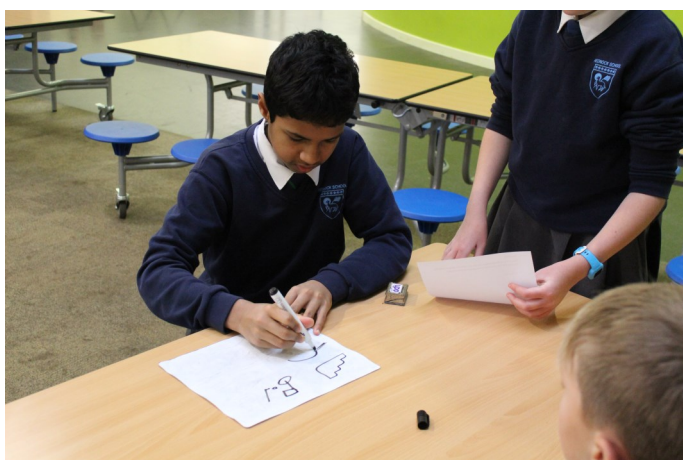
Click [here](#) to view  
Mr Stratford's final  
video of 2023!

*"The year end brings no greater pleasure than the opportunity to express to you season's greetings and good wishes. May your holidays and new year be filled with joy."*

Whatever Christmas means to you, and whatever you have planned, on behalf of all of the staff at Rednock School - I wish you a very restful, safe and joyous Christmas.

[Merry Christmas and a Happy New Year!](#)

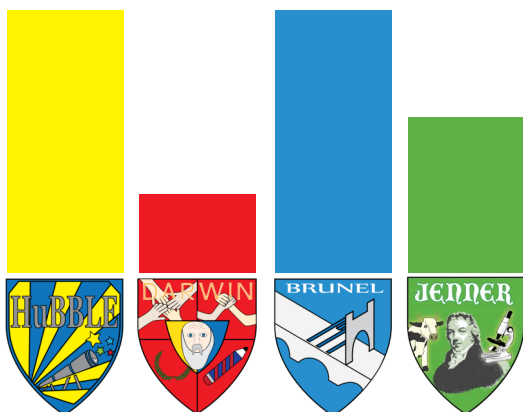
Mr Stratford  
Headteacher



### Community Challenge (above)

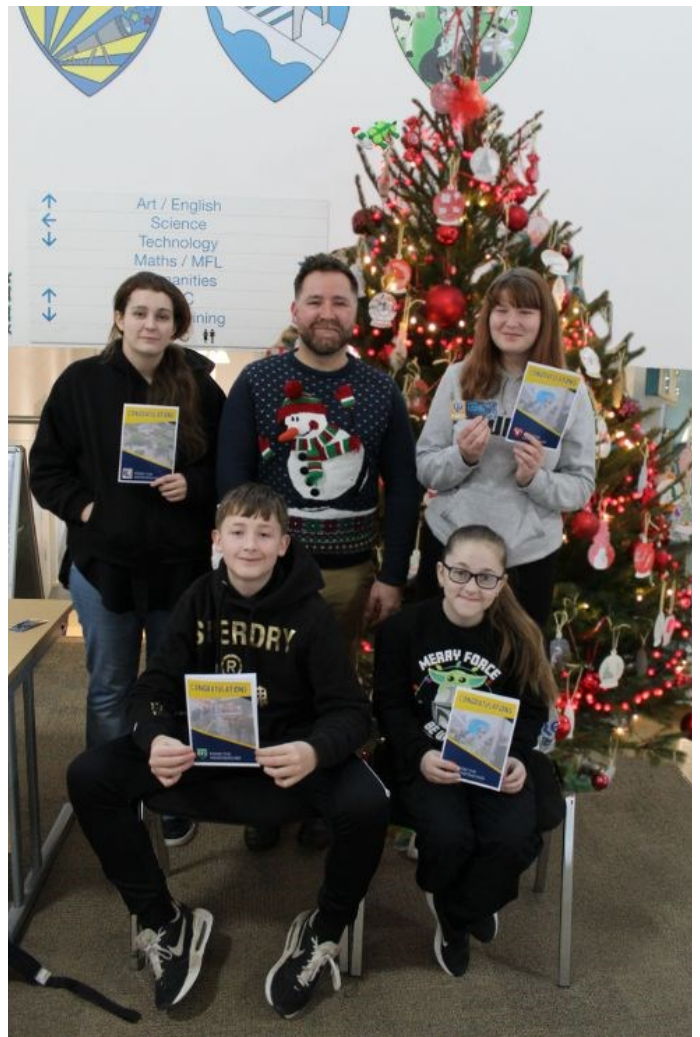
Each month the communities go head to head in a fun challenge in order to collect extra points for the Inter-Community Competition. This month the games involved pictionary and charades which meant a lot of team work was needed! The Communities played well and all scored some precious points to go towards their running total.

### Community Leader Board



### Achievement Heroes (below)

We've had some wonderful Achievement Heroes in the past 2 weeks who all received their recognition for being great role models for other students and for making us incredibly proud!



Zac Lee, Olivia Bond, Anushka Yatri,  
Lewis Whitehead, Lauren Buckley, Maisie Tyers,  
Olivia Bond, Jacob Smith, Lauren Bentley





## RSLs

Raising Standards Leaders (RSLs) are responsible for ensuring the best possible outcomes for students at Rednock School. Each year group has its own RSL; they focus on raising aspirations and doing all that they can to ensure that students fulfil their academic potential.

The day to day work that they do includes providing face to face support in small groups, coordinating a range of academic support between teachers and developing and leading whole year group initiatives.

### Year 7 RSL - Miss Peverley

It only seems like yesterday our now not-so-little Year 7s arrived through the door - I think it is fair to say that most students have settled well and are happy getting stuck into Rednock life!

Since the start of this year, we have seen a massive 32333 reward points and 2300 clean sheet points handed out across the board to Year 7 students! This is amazing to see!

Accelerated Reader is in full swing now with some students spending time with me in the LRC focussing on their books during tutor time. This has led to an improved ZPD score for some since joining Rednock. It has been a pleasure to spend time with them in the mornings!

Morning Maths is happening every Tuesday morning. We have focussed on bringing numeracy levels up by developing our understanding of the four operations; well done to each and every one of our Year 7s who have attended these sessions.

Just a quick reminder that Homework Club still runs every Tuesday and Wednesday in the LRC, where there is access to computers as well as support from TAs and one of the RSLs every session. It would be lovely to see more Year 7 students taking advantage of this.

I wish you all a restful and enjoyable Christmas and I look forward to seeing all of the students on their return in the new year!



### Year 8 RSL - Miss Tritton

Accelerated Reader + has been kickstarted this term, with some students spending some time with me in the LRC focussing on their books, what they most like to read and also, what barriers they may have to reading, and with my support they are on their way to reading books that they enjoy, finding a love for reading and getting higher and higher on their quiz scores! A special shout out to Alfie Hill, Amelia Swann, and Abbie Carrier for coming to every session and putting their all in - this is great!

Morning Maths with Mr Mitchell is still taking effect every Thursday morning, with this group of students due to change after Christmas. Well done to each and every one of our Year 8's who have attended, you have taken on the challenges and activities in your stride. It isn't easy to always get your brain into the Maths mode at 8:40 am, but a well done to these students who have attended the

majority of the sessions - Logan Adlam, Louis Allsopp, Inca Bishop, Faith Bowen, Abbie Carrier, Alfie Hill, Freya Keen, Bethany Walters and Ayden Wood.

Just a reminder that Homework Club still runs every Tuesday and Wednesday in the LRC 3-4pm, where there is access to laptops as well as support from TAs and one of the RSLs every session.

I wish you all a restful and enjoyable Christmas and I look forward to seeing all of the students on their return in the new year!



### **Year 9 RSL - Mrs Wade**

As we approach the festive season, it's time to reflect on the achievements of our Year 9 students during this term. The enthusiasm and dedication they have shown have truly set a positive tone for the upcoming holiday season.

We are thrilled to acknowledge the outstanding progress made by Jamie King, Chloe Dolder, and Leo Joy in Accelerated Reader +. These students have actively participated every week demonstrating commitment to their reading journeys. Their ZPD ranges have seen significant improvements, reflecting their dedication to literary exploration and academic growth.

A highlight of this term has been the successful Year 9 science revision sessions led by Mr. Steele. Students delved into intensive and interactive science reviews, enhancing their understanding and paving the way for improved grades. Mr. Steele's innovative approach has made science revision an engaging and enriching experience for our Year 9s.

Our Year 9 students have exhibited great enthusiasm in the Morning Maths sessions, focusing on solving equations and making substitutions, among other mathematical challenges. Their consistent attendance and active participation showcase a collective commitment to mastering key mathematical concepts.

Throughout the term, our assemblies have been centred around fostering a growth mindset. We have emphasised the importance of resilience, adaptability, and a positive attitude towards challenges. As we gear up for the next term, these principles will play a crucial role in shaping our students' approach to their academic and personal development.

As we bid farewell to this term, we also prepare for a pivotal moment in our students' academic journeys. Next term marks a crucial phase as we guide our Year 9s in making serious decisions about their career pathways. The GCSE choices they make will shape their futures, and we are committed to providing them with the support and resources they need to make informed decisions. Watch this space!

The anticipation is high, and we look forward to witnessing the continued growth and success of our Year 9 students in the coming term. We wish everyone a joyous holiday season and a well-deserved break!



### **Year 10 RSL - Mrs Bird**

Firstly, I want to share how impressed I have been with the majority of Year 10 students' attitude and maturity during the first two terms of their GCSE studies. I have been dipping into several lessons and students appear to be engaged and focusing hard on areas of improvement.

The focus has been on ensuring students are attending school every day and are developing the resilience and tenacity needed to be successful. Students are utilising key support in lessons and in intervention sessions. Looking to the New Year we will be continuing a focus on attendance and looking at key groups across the year. The intervention groups will change to enable students to utilise a range of mentoring, revision and one to one organisation and homework sessions.

*Continued on next page*







One useful reminder for the Christmas break is on work experience. Year 10 had an assembly in late November, launching the work experience process. Mrs Mould provided an excellent insight and it was made clear, in no uncertain terms, that being proactive around organising work experience now would ensure the week on placement next year will be as enjoyable as possible. It would be helpful at this stage for students to begin to think about what kind of role they might like to try and to begin making contact with potential employers. As we all know, finding a job can be a difficult process with plenty of opportunities to face rejection! Getting ahead of the game now can take a great weight off further down the line. If any students in Year 10 need advice or help in contacting a potential employer, please do get in touch with the work experience team (Mr Justice or Mrs Mould) or with me as Raising Standards Leader and at least one of us will be able to help.

Finally, as we move towards a new term and the New Year, I would like to remind everyone that Homework Club continues to run on Tuesdays and Wednesdays in the LRC from 3-4pm. This is supported by both teachers and TAs, and provides a safe, warm and welcoming space to ensure students complete their homework to the best of their ability. We do see attendance drop off for homework club at KS4 so this could make a great New Year's resolution! To all students, parents and staff, enjoy Christmas and I look forward to seeing you again in January.



#### **Year 11 RSL - Mr Steele**

It has definitely been a busy term for Year 11 and I am sure they are looking forward to a well deserved Christmas break!

Thank you to those of you who attended the Success and Revision evening at the beginning of the term. The uptake of revision sessions, Flying Starts and Champion's Hour have been hugely impressive and the feedback has been really positive so far. This will continue in the new year and while it is costing a small fortune in biscuits and hot chocolate it has been completely worth it so far.

As I write this the mock exams are almost complete. The students have coped incredibly well with these and I look forward to seeing the data next term. It has been really encouraging to see so many students being so conscientious and setting themselves a great example of how to approach the real thing. I would also like to congratulate those students who were invited to, and have been attending, the excellent English interventions organised by Mrs Wade.

As we move forward into next term, I will be focusing on boosting attendance to revision sessions. There is a small minority of students who haven't managed to attend a session yet and a handful that need to activate their GCSEPod accounts. The intention is that this is supportive so if there are issues with attending or logging in then I would encourage parents and students to get in touch with me so that we can do our best to find a workable solution for everyone. I really do hope that we give away as many free hoodies, year books and prom tickets as possible! I will also be asking students to reflect on aspects which worked effectively for their mocks and focus on setting targets for moving forward. Students will then receive their mock results on 25th January ahead of the Year 11 PCM on 1st February, during which you and your child will have the opportunity to share any questions or concerns with subject teachers.

Thank you again for your support in what has been a hectic term for the students.

I hope you have a lovely Christmas break and look forward to seeing you in 2024!



## Physics Projectiles

Our Year 12 physics students were investigating projectile motion. They made a spring-loaded 'marble launcher' and fired the projectiles around the lab (and the rest of the school!) Their goal was to predict where their marble would land if they fired the device at a known angle.

Firstly, students used the SUVAT equations to calculate the muzzle velocity of their cannons. Then they employed their vector resolution skills to work out the horizontal and vertical component velocities when their cannon was fired at a known angle. Finally, they re-used the SUVAT equations to predict the distance their marble would be launched. The students were impressed with their own accuracy, hitting the target multiple times. We also managed to capture a near miss in slow-motion for your viewing pleasure! Click [here](#) to see the video.

Our student quote for this experiment: "We are basically now officers in the British Navy now we have hit that target!"



## Ice Skating Experience

The Year 12 Transition Group along with Mrs Evans and Mr Cole visited Bath last week. The trip was designed to help students plan and book train tickets, travel and change platforms/trains, and then find their way to the ice rink in Bath. Lots of smiles, lots of Christmas cheer and definitely lots of falling over! Students were pushed out of their comfort zone to try new things and they definitely did.







## The Lion, The Witch and The Wardrobe

90 lucky Year 7 students attended the matinee performance of “The Lion, The Witch and The Wardrobe” at The Birmingham Rep theatre on 15th December. This was a great way for students to consolidate their learning within Drama and experience the joy of live theatre. The show was a breath-taking stage performance of C.S. Lewis’ classic novel which was the first published and the best known of seven novels in The Chronicles of Narnia (1950–1956).

All students thoroughly enjoyed their trip and relished the opportunity to visit Narnia!



## Christmas Carol Concert

We had about 110 attend St James Church in Dursley, including those performing. All enjoyed some marvellous performances from the swing band and a number of brilliant soloists. Mince pies and warm drinks were appreciated by all after the performance. An amazing £174.32 was raised for the Christmas Jumper Appeal.





The seven questions below each have a one-word answer which can follow 'Christmas'. Use the design of the card to help you to put letters from your answers into the grid below to find the final answer.

1

These clocks show a four-letter word. Can you work it out?



3

We've jumbled up our gift tags! Split them into three groups of three and find a word that links each group.

What word links these three link words?



6

We found a scrap of paper with some bars of music on it which we think are concealing a word.

Next to the music were some 1s and 0s, and the numbers 16,8,4,2,1. Can you work out the hidden word?



2

Can you solve this riddle?

What breaks but cannot fall,  
can leap but never crawl,  
can be seized but never gripped,  
often present, never skipped?

4

Each letter represents a different digit:

$MI \times MI = MAA$   
 $TI + TI = RA$   
 $DO - SO + TI - MI = RE$   
 $RE \times RE = ?$

5

Find the pairs of letters which come next in each sequence:

TH, RD, ND, ??  
ET, EL, PM, ??  
WU, SQ, OM, ??  
WR, AP, PI, ??

7

Look at this message.  
Can you work it out and find the secret 4-letter word?

Agklq ldhum qom ndem.  
Gembqgax c 4-hmqmk vdke.  
Hddp mumkxvomkm.  
Ycxim gq'l umkx diugdsl.

Can you solve the final challenge below?



## GCHQ Christmas Challenge

The science department took part in the annual GCHQ Christmas Challenge on 14th December.

This year's challenge (left) featured seven complex puzzles, masterminded by their in-house puzzlers. They were designed to test a range of problem-solving skills and encourage the use of teamwork to reveal the final festive message.

Puzzles have been at the heart of GCHQ from the start. These skills represent the historic roots in cryptography and encryption. The challenge is designed for a mix of minds to solve. Whether you are an analyst, an engineer or a creative person, there is a puzzle for everyone.

Have a go at solving the puzzles for yourself, the answers can be found on the last page. Good luck!







### Family Fun Race Night

The family fun race night, in aid of the school production of Peter Pan, was a huge success. We made an amazing £695.97 that will be used to help fund the costs of the show. It was fabulous to see members of the community in the school to have fun and test their luck. Thank you for your support and a HUGE thank you to all that made the evening happen.

### Peter Pan Tickets On Sale Now!

Tickets for our upcoming production of Peter Pan are officially on sale! You can purchase these via Parent Pay or Main Reception (cash only via reception). The show times are as below:

**Wednesday 13th March - 7.00pm**

**Thursday 14th March - 7.00pm**

**Friday 15th March - 7.00pm**

**Saturday 16th March - 4.00pm**

**Rednock School**  
PRESENTS THE MUSICAL  
**PETER PAN**

**11th – 16th March 2024**  
£8 per ticket

Tickets available for purchase from  
Rednock School Main Reception  
and via ParentPay







### Needle Felted Santas

During the Monday morning art sessions; Creativity for Connectedness - students have been learning all about needle felting and have created these adorable 3D Santas! The perfect addition to their Christmas decorations.

Needle felting is a wonderfully therapeutic and versatile craft that allows you to create any number of shapes and designs using just felting needles, a felting mat, and wool.



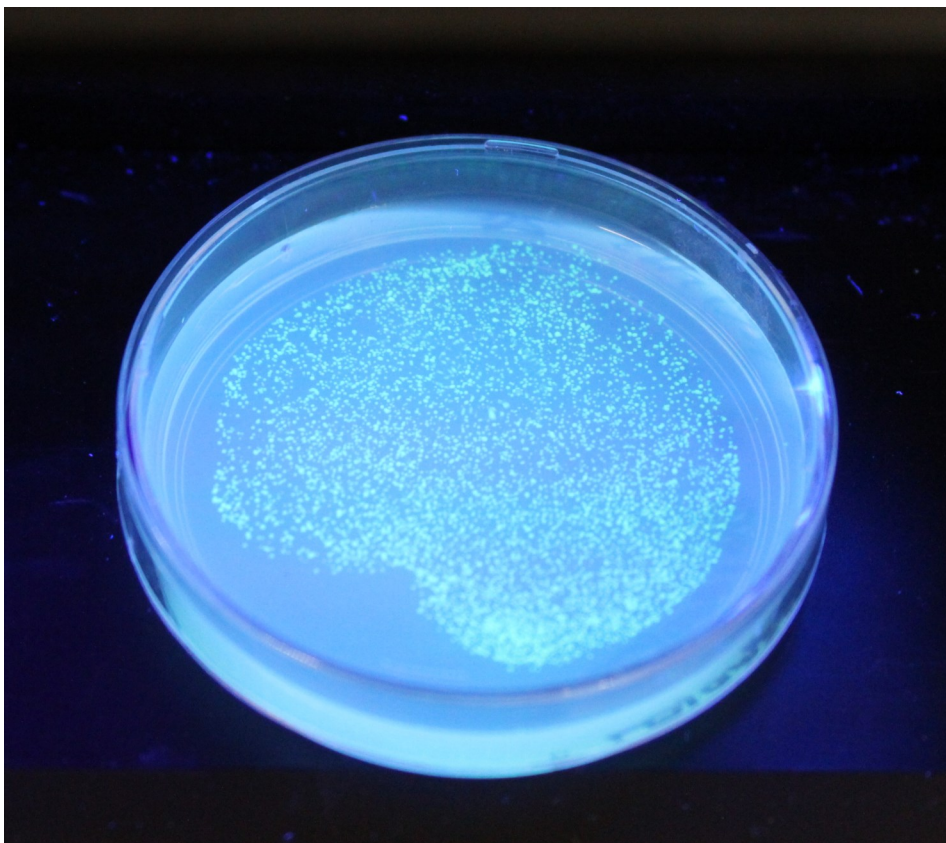
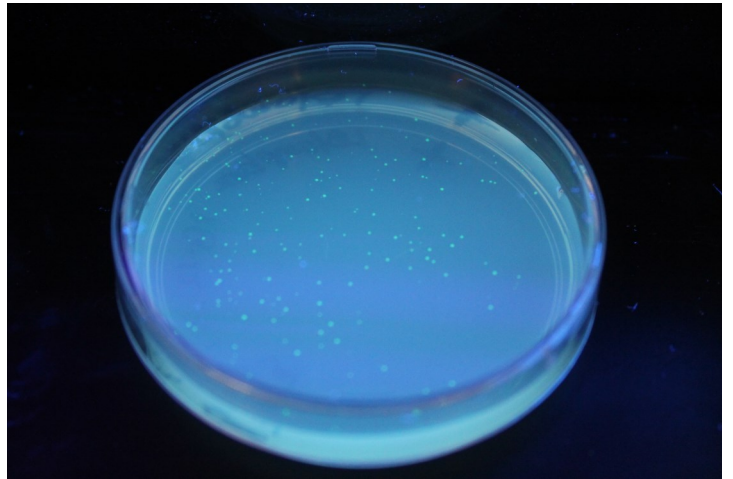
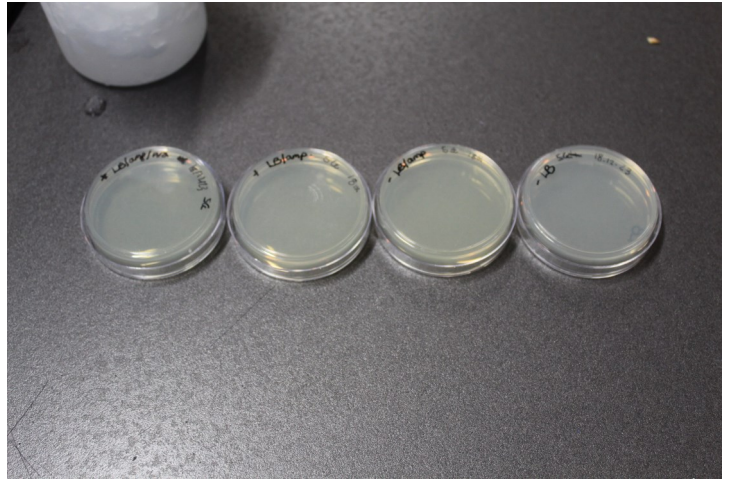
### Sculpture Trail Artwork

You may remember that some of our students have been working with local artist Abi Nicol to create a piece of work to display in the Sculpture Trail near Breakheart Quarry. This week saw the last session where the students got to finalise the layout of the pathway and get an idea of the trail they have created.

We are looking forward to the new year when the pathway will be installed at the Dursley Sculpture and Play Trail. Once installed the students' friends, families and wider community will be invited to an unveiling of the students hard work over the past 6 weeks.

We are so impressed by the work the students have done and can't wait to see it all come together!





### Glowing Biology

The A level biologists delved into the world of genetic engineering this week and successfully transformed bacteria cultures they had previously streak plated. They used their excellent practical skills to add a plasmid carrying DNA that enables jelly fish to synthesise a protein that causes them to glow in UV light. As you can see from the photos they were successful in this endeavour with the prize for the best genetic modifier going to Seth Gordon. Well done team biology!





## Food Bank Appeal

Thank you to everyone that donated to our Food Bank appeal. We collected an impressive amount of donations that was handed over to our friends at GL11 to organise for the Food Bank.

This is a vital service within our community and helps so many who, for many reasons, may be struggling for money and need help putting food on the table. If you, or anyone you know, may need help please [click here](#) to find out how the Gloucester Foodbank works.







## Christmas Card Project - Mission Complete!

Last week we had our final card-making sessions with Year 7 students from the Jenner and Hubble communities, producing some fabulously creative cards with heartfelt messages inside.

A huge thank you to all the Year 7 students for the beautiful handmade Christmas cards you created, and to all the Year 12 and 13 students who have helped run the busy workshop in the mornings. A special thank you to Lauren Bentley and Lauren Buckley for their artistic touch and attention to detail this week.

We have now delivered a total of 187 cards to the local Care Homes! They were all delighted to receive them and thankful for the thought and effort the students had put into creating them.



"In Santa's realm, a puzzling scheme,  
No treats 'til math unlocks the dream!  
Crack the clues, the box reveals,  
Math's the magic that joy conceals!"

### Maths Christmas Challenge

To finish their first full term of secondary maths a Year 7 class had to combine all their knowledge of the skills and topics covered since September, along with some lateral thinking, in order to break through the padlocks standing between them and the treats held within the box!







## Christmas Fayre

The annual Sixth Form lunchtime Christmas fayre was great fun, as always. Each Sixth Form tutor group had a stall with a fun activity from 'net a duck' and 'lucky dip' to 'penguin' bowling! There was fierce competition between the groups to have the most popular stall and to raise the most money. Younger students enjoyed taking part in the activities and an astonishing £401.91 was raised. This year all the money raised will go to Charlie's, a charity supporting cancer patients in Gloucestershire.







## Debate Competition

Congratulations to the Rednock debate team for their impressive performance in the local heats of the Rotary's Youth Speaks Debate competition! It's truly commendable that our KS3 students, with just one term of debating experience, showcased their skills and represented the school so well.

The diverse topics chosen by the students, ranging from the Marvel universe to the pros and cons of boba tea and sushi, to the correct time to put up and take down Christmas trees, reflect the students' enthusiasm and ability to engage in a variety of discussions.

A special acknowledgment goes to the winning debate team – Austin Wilson, Lily Gould, and Ellie Fox – for their well-researched, clear, concise, and humorous presentation on the topic, "Are designer brands worth it?" It's fantastic to hear that they will be advancing to the next round in Maisemore Village Hall on the 24th February.



The dedication and efforts of the entire debate team are truly commendable, and it's clear that they are not only developing their public speaking skills but also fostering critical thinking and research abilities. Kudos to all the students involved, and best of luck to the winning team in the upcoming rounds!

For those interested in joining the debate team, the Monday lunchtime meetings in Room 312 provide a great opportunity to get involved. It's wonderful to see a platform where students can express their thoughts and ideas in a respectful and eloquent manner.



Once again, congratulations to everyone involved, and may the success and enthusiasm continue to grow in future competitions!

**ROTARY** **YOUTH**  
**SPEAKS** COMPETITION

Esme Peterson, Freya Keen, Ruza Tomic Jurisic, Lily Gould, Jack Leach, Austin Wilson, Eli Phelan, Will Tull, Ellie Fox, Samantha Radford, Sally Davis and Charlotte Bottger





### Christmas Feast

On 19th December our wonderful catering team put on an impressive spread for those who joined us for the Christmas Feast. The students were welcomed into the Main Hall by Christmas music, balloons and paper crowns ready to enjoy their early Christmas dinner.

The event was a wonderful excuse to get into the festive spirit and enjoy a good old fashioned roast dinner (including sprouts)!







## Sharing A Love Of Science

In an afternoon fuelled by scientific curiosity, 16 primary science ambassadors from Cam Woodfield Junior School joined us for an exploration into the wonders of chemistry. Together, we extracted chemicals from red cabbage and harnessed its power as a chemical indicator, unveiling the presence of acids and alkalis in everyday household items.

The collaboration with one of our key primary feeder schools was not only enriching but also a significant step in promoting the importance of science in our world. Alongside our own science ambassadors and 6th form STEM ambassadors, the afternoon unfolded seamlessly, filled with experiments that culminated in thrilling explosions, bangs, and fizzes.







### Air Ambulance First Aid Training

Our Year 11 students were recently visited by an Air Ambulance First Aider who trained them in potentially lifesaving skills. First aid education will increase the number of children and young people able and willing to help in an emergency. It will also improve their understanding of health issues and how to care for themselves, building a new generation of life-savers. Students with good knowledge of first aid are likely to be more alert and active.



### Skills Based Curriculum

Students across the school have been focusing on the IMATTER topic of 'I am tenacious' and as part of the Skills-Based Curriculum students were tasked to look at the climate change in Australia in 100 million years time; how animals and plants must evolve as a result of climate change. Skills of teamworking, planning and organisation were high on the agenda. Here are some of the models of how animals and plants may possibly evolve based on a changing climate - I guess none of us will be around to see if they are right!





### Table Tennis Champions

The Rednock Under 16 table tennis team took part in the County Finals held at Sir Thomas Rich's school in Gloucester. We are pleased to report that the boys won both of their matches, the first vs Newent and then the second vs Sir Thomas Rich's 7-1. They are now through to the Regional finals to be held in Plymouth in February.

The team (left) consisted of Dan Curry, Jude Mee, Will Wood and Dan Kennedy. An excellent effort all round!

### On The Football Field

A tremendous performance from the Under 18 team saw a convincing win against a strong Crypt School side 4-2.

Goals from Matt Binns, James Tainton, Liam Clark and an own goal ensured a relatively comfortable afternoon, with some excellent individual displays, but also some great all round team play.

A special mention goes to the 5 Year 11's who helped out relatively last minute by playing so well, but also the A level PE students who now have some good coverage and evidence for their practical application part of their course.

### Modern Foreign Languages Lunchtime Snacks

On the penultimate day of term, students ordered festive treats such as *stollen*, *Lebkuchen* and *polvorones* in French, German and Spanish. Practising languages in a more fitting setting can help cement understanding.

They also had a chance to make origami Christmas trees, which you can learn to make below.







## GCSEPod

We've recently launched GCSEPod with our Year 11 students. On there, you can find a wealth of information and tools to aid in the revision for exams. The students are already taking advantage of this amazing resource and hit the following targets already!



Pods Watched  
**1071**

The 'Top Podders' this time around are Harry Hayward, James Hughes, Jacob Sexton, Megan Hunter and Jack Miles who have watched an amazing 1119 pods between them!

Questions  
Answered  
**15052**

Assignments  
Handed In  
**347**



**Gloucestershire**  
Wildlife Trust

### Year 10 Work Experience Opportunity

Year 10 work experience placements at Gloucestershire Wildlife Trust in 2024 are now open. They can offer placements to twelve young people (Year 10 only) for a 1 week placement. Please click [here](#) for more information and to download the application form.

The organisation receives a large number of applications for this opportunity so please ensure that you complete the application in as much details as possible. The deadline for applications is **Sunday 18th February 2024**.







## Enjoy The Moment

There's no disputing how integral the digital world has become to modern life but it can prove difficult for many young people to stay off smart phones, tablets and other devices for a single day – even one as special as Christmas. In fact, according to a survey by e-commerce platform Groupon, almost 80% of parents and carers would prefer a festive period that's free from technology.

Going online, of course, is useful for checking in with friends and relations who we can't be with, or for arranging celebrations – but if we allow gadgets to dominate our Yuletide break, that precious time could pass in a flash. National Online Safety have the following suggestions for keeping a handle on device use over the holidays, so your family can be truly together this Christmas.

The Christmas holidays are tailor made for families to enjoy relaxed quality time in each other's company – but with distractions like pinging phone notifications, the lure of games consoles and online Boxing Day sales, that can be more difficult than it sounds. Staying off our phones, laptops and tablets, however, can really help us to appreciate the things that genuinely matter at this special time of year. Follow our 12 top tips for a tech-free festive season ... Yule be glad you did! Merry Christmas!

### CHRISTMAS CRAFTING

Get out the paper, glue and scissors and have a go at hand-making cards or gift tags. You could also create your own decorations to add a uniquely personal touch to the Christmas tree.

### NATURE QUEST

Try a scavenger hunt in the garden or your local park. Challenge yourself and your family to find natural treasures that are symbolic of this time of year – like holly or pinecones, say.

### CAROL KARAOKE

Sing your hearts out with a Christmas carol karaoke night. Pick out your favourite tunes and enjoy a musical celebration with family and friends.

### WANDER DOWN MEMORY LANE

How about making a scrapbook filled with your favourite memories from Christmases gone by? Unleash your creativity while you enjoy reliving those magical holiday moments.

### TRY REFLECTIVE JOURNALLING

Jot down your thoughts, feelings and reflections on the holiday in a notebook or diary – you could also list some of your main goals for the new year.

### WRAP IT UP

Take time to get inventive with some luxurious gift wrapping. Break out the wrapping paper, ribbons and bows to make parcelling up those presents into a creative adventure.

### WALK IN A WINTER WONDERLAND

Delight in the great outdoors with some gentle walks over the holiday. The family can all wrap up warm as you add to your step count and savour the crisp winter air together.

### BE A SEASONAL CHEF

Get the whole family working together in the kitchen for some Christmas cooking. Choose a recipe and whip up a festive feast that all of you can enjoy.

### ENJOY A CHRISTMAS STORY

Christmas is a perfect time for sparkling stories. Get cosy and lose yourself in a brilliant book, from Dickens to Dr Seuss or a more modern favourite by Chris van Allsburg or Tom Fletcher.

### SNOWY SCULPTURES

If we're fortunate enough to get a white Christmas this year, make the most of the opportunity by having a family snowman-building competition!

### GAMES NIGHT GALA

Dive into some old-school fun with a tech-free games night. Classic board games and card games have stood the test of time for a reason!

### GOODWILL TO ALL

You and your family could spend a day volunteering – perhaps at a food bank or helping a local charity. After all, kindness and thinking of others are part of what Christmas is all about.

# National Online Safety®





## Quadcopter Finals

On Tuesday 12th December the quadcopter team from Rednock started their journey to RAF Cranwell to compete in the National Finals. Some last minute improvements to the quadcopter and their presentation and they were ready to compete against twelve other teams who won their regional heats, from over 80 schools that took part. The day consisted of flying two assault courses and a presentation to some engineers and dignitaries from the RAF.

By the end of the day the team were exhausted, but buzzing from the competition and a tour around RAF Cranwell, where they took to the skies in a flight simulator. The scores were read out in reverse order and the tension started to build. Top Ten, then top five and then our name... third place! An excellent result and testament to the effort that all the members of the team put in.

"I loved meeting other people with similar interests to me and working as a team together."

*Leo Lai*

"An experience which will never be forgotten."

*Tyler Miles*

"Don't over complicate just stay simple"

*Oscar Artz*

Click [here](#) to view a video of the drone in action!



Jack Bottger, Raven Knight, Leo Lai, Oscar Artz and Tyler Miles

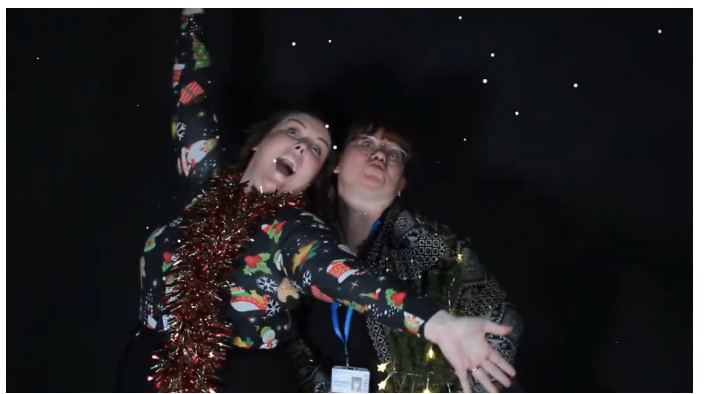




## Merry Christmas Everyone!

Some of our Sixth Form students have been busy creating a video of our staff members singing along to Shakin' Stevens classic song, Merry Christmas Everyone.

Well done to Luke Sullivan, Kean McGee, Grace Alder, Robin Revell and Emily Rolfe who worked hard on this project to create such a fun and festive video for the students to enjoy during the last assembly of 2023!







## Key upcoming dates for your diary

Date	Year Group	Event
08/01/24	N/A	INSET Day 3
09/01/24	N/A	Term 3 Starts
18/01/24	Year 13	Parent Consultation Meetings
25/01/24	N/A	Sixth Form Open Evening
01/02/24	Year 11	Parent Consultation Meetings
06/02/24	Year 11	School Photographs
08/02/24	Year 12	Parent Consultation Meetings
22/02/24	Year 9	KS4 Options Evening

### Term 4 Clubs

You can find the details of next Term's School Clubs by clicking the icon below.

# School Clubs



Please return your overdue books to the LRC. Remember lost or damaged books must be replaced or paid for!





## Answers



### Answer: **TIME**

The times shown in 24 hour format are 20:00, 09:00, 13:00, 05:00. Converting the hour numbers to letters using A=1, B=2, etc gives TIME.



### Answer: **DAY**

The riddle hints at Daybreak, Leap Day, Seize the Day, and Present Day.



### Answer: **PUDDING**

The three groups are {DECLAN, JASMINE, STICKY} - can precede RICE; {BEVERLEY, PUDSEY, SCARBOROUGH} - places in YORKSHIRE; {PENNY, PITCH, SIRIUS} - can precede BLACK. RICE, YORKSHIRE and BLACK are all types of PUDDING.



### Answer: **TREE**

The first equation can only be  $12 \times 12 = 144$ , so  $M=1$ ,  $I=2$  and  $A=4$ . In the second equation  $TI$  cannot be 12, 22 or 42, so it has to be 32, and hence  $T=3$  and  $R=6$ . The third equation is therefore  $DO-SO + 20 = 6E$ . As  $DO$  and  $SO$  end in the same letter,  $DO-SO$  must end in zero, which means when 20 is added the answer must still end in zero, so  $E=0$ . Hence  $RExRE$  is  $60 \times 60 = 3600$ , which is TREE. You don't need to know what  $D$ ,  $S$  or  $O$  are to solve the puzzle.



### Answer: **STOCKING**

The sequences are:  
The ends of 4th, 3rd, 2nd, so the next in sequence is 1st, hence ST. The word COMPLETE spelt backwards, so the next in sequence is OC.  
Pairs of letters from the alphabet, going in reverse, and missing every other letter. W,U,S,Q,O,M,... so the next in sequence is KI. The word WRAPPING, spelt out in pairs, so the next in sequence is NG. Put them together to get ST-OC-KI-NG.



### Answer: **CAROL**

Assign the values 16,8,4,2,1 to the notes in each bar in order, and add up the values of the black notes. This gives 3, 1, 18, 15, 12 (and is effectively binary) Converting these numbers to letters using A=1, B=2, etc gives CAROL.



### Answer: **FILM**

First solve the code. Identify a 4-letter word. Look everywhere. Maybe it's very obvious. The initial letters spell FILM.

Each puzzle can be linked to an image on the front of the card, using the icon in the question number.  
The images have different patterns which can also be seen in the grid.

From each answer take the letter indicated by the number:

- 1: 🍷 Bauble. TIME. E, I, T
- 2: 🍪 Gingerbread man. DAY. Y, D, A
- 3: 🔔 Bell. PUDDING. U, I, N
- 4: 🪵 Cane. TREE. T, E, E
- 5: ⭐ Star. STOCKING. I, T, S
- 6: 📦 Parcel. CAROL. L, C, O
- 7: 🧤 Glove. FILM. L, F, I

🍷 3	🍪 2	🍪 3	🪵 4	🪵 1	🍷 6	🍷 1	🍷 3
Y	U	L	E	T	I	D	E

🍷 1	🍷 4	🍷 5	🍷 2	🍷 1	🍷 2	🍷 2	🍷 1	🍷 5	🍷 4	🍷 6	🍷 1
F	E	L	C	I	T	A	T	I	O	N	S