



Nurturing Success

Issue 8

Week beginning 5th of December 2022

BRYN THIS WEEK

The official newsletter for Bryn Celynnog Comprehensive School

Ciphers and Coding For Bryn Celynnog's Next Generation

Just before Christmas, pupils from our cluster primary schools had visited Bryn for the third time, since September. Our special guest, Francis Hunt, who is software engineer, Maths teacher, researcher at Cambridge University, lecturer at University of South Wales... just to mention a few of his roles, has taken on this third Royal Institution session with our Year 6 students.

This time, they have been learning about coding and cryptology. All students were busy, studying the Caesar Cipher. The Caesar Cipher is a monoalphabetic substitution cipher, where each letter is replaced by another letter located a little further in the alphabet. The students absolutely loved decoding text and making their own secret messages.

We would like to thank the Royal Institution for giving us the opportunity to host these sessions, and special thanks to Francis for leading the fun and inspiring coding lesson.





BRYN WYTHNOS HYN

Cylchlythr Swyddogol Ysgol Gyfun Bryn Celynnog

Business Trip to MPS Recruitment

On Thursday 17th November, Year 13 Business students had the opportunity to visit a local recruitment company in Llantrisant Business Park. MPS Recruitment specialises in recruitment for the health, social and education sector. The trip began with a team building exercise involving spaghetti, marshmallows and balloons. Straightaway, all girls were engaged and had their competitive head on to win. The tallest tower that held the balloon whilst being costed at a reasonable price won. It was fair to say it took a while but all 3 groups gave it a go and were successful in holding the balloon upright. Pupils were then placed in groups and taken around the office floor to have chats with various industries. This was a valuable opportunity for some of the girls who want to go into the teaching profession after Sixth Form. They were given support with work experience and even the opportunity to sign up with MPS in the summer for paid support work in local primary schools. We have worked with Alyx Peters and MPS for several years now and they always put on a fabulous lunch for our visits. It was fair to say, MPS did not disappoint this year. We had a huge selection of food from Greggs including the biggest box of donuts! Overall it was a great day and gave pupils an insight into how a business in the private sector operates.





BRYN WYTHNOS HYN

Cylchlythr Swyddogol Ysgol Gyfun Bryn Celynnog

Cross Country Competition

As the Autumn winds toward the Christmas break there is still plenty to report from the pitches and sports halls of the area as the Bryn Celynnog students keep up their fantastic term of extra curricular commitments.

Bryn's Cross-Country Champs

Bryn Celynnog students once again had that "Winning Wednesday" smile as they surged through the line at the Glamorgan Valleys development cross-country race this week in Bridgend. All students who attended the day were incredible from start to finish. The cross-country athletes took full charge of the day; Elliot Hughes was chief map reader where he navigated the students around the different courses so that they were prepared for their race, whilst Layla Dowden- Mason

was head of Sports' Psychology (and DJ in the minibus), ensuring that everyone was pumped up and ready to run!

Luckily, the students and Miss Birch-Hurst were blessed with sunshine and clear skies, however, there



was still a lot of mud ready for students to slip and slide on... However, the students of Bryn Celynnog as always came fully prepared with the appropriate running spikes, ready to attack the race. All students did exceptionally well in their various races where three out of the eight students placed within the top 12 positions!

Special mentions go to Grace Brady of Year 8 who placed 4th, Oscar Powell, Year 9, who placed 12th and Anwen Nesham of Year 11 who placed 5th. **Congratulations to all.**





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MAT Masterclasses

The Mathematics Department welcomed groups of Year 6 pupils from our cluster primary schools to take part in Maths Masterclasses supported by The Royal Institution, an independent charity dedicated to connecting people to the world of science.

In the pupils first workshop we investigated the interesting



behaviour of the Möbius Band which is caused by these two properties; a Möbius Band has only one face and one side which means you can draw a line between any two points on the band without

In the second workshop we explored parabolic curves.



This involves using straight lines to create more complex, curved diagram that gives a 3D effect. We then kicked off the holiday season by physically



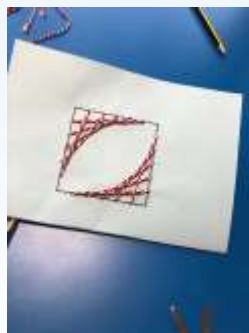
stitching these designs into Christmas card.



crossing over the edge and going against everyone's intuition, the Möbius Band

will not split into two pieces when cut in half length-ways. The pupils had great fun making Möbius bands out of strips of paper, then exploring and dissecting them to investigate their extraordinary mathematical properties.

The Year 6 pupils were wonderful and will be a welcomed addition to Bryn Celynnog next September.





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Sports Round-Up: Rugby

Year 10 Rugby

On a dull, but dry, Thursday afternoon the Year 10 Squad travelled to Hawthorn for a rugby fixture. This was the first time the group had played this season due to District Rugby commitments and so it was with great excitement that the team took to the fields at Hawthorn High School. It was an experimental line up; many boys with very little rugby experience showing great effort, and a few more experienced boys playing out of position to cover the absence of the District players who were being rested ahead of their Dewar Shield match two days later.

The whole squad worked tirelessly and also showed some sparkling touches as they dominated the

majority of the match. The hosts were dogged in defence though and also managed to pose a few attacking threats. It was the visitors who took the honours though in a game that they were always in control of. Rafi Scarico deputising at scrum half was the man of the match as he linked the forwards and backs seamlessly. Zak Kirwan was a rock at lock and played every minute with grit and determination. Coaching responsibilities were allocated to the rested Lewis Rix who demonstrated great leadership and decision making skills. Henry North making his debut on the wing impressed with plenty of pace and almost scored with his first touch. Jack Edwards and Ethan Hardwidge also stood out and every player contributed fully. Ardderchog fechgyn.





BRYN WYTHNOS HYN

Cylchlythr Swyddogol Ysgol Gyfun Bryn Celynnog

Sports Round-Up Netball

Bryn Celynnog Netball marches on towards the winter break with a fantastic effort from Year 7 in particular in fielding 3 squads.

At the beginning of the week the Bryn Celynnog netball squads (A, B and C) from Years 7,8 and 9 all played home games against Garth Olwg and Cardinal Newman. On both afternoons the students faced both triumph and disaster, experiencing the highs and lows that team sport often delivers. What was exciting to see was the progress that all students have made since September. It was obvious that everyone's confidence, athleticism, strength and determination had grown tremendously since the beginning of the year. One particular team which Miss Birch-Hurst wants to highlight is the Year7 (A) Netball squad who still have not been beaten by any other school this season. The squad play with pure control, have exceptional connections, accuracy and demonstrated impeccable teamwork with the high-fives that they give each-other after every shot. **Da iawn pawb.**





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BRYN WYTHNOS HYN

Cylchlythr Swyddogol Ysgol Gyfun Bryn Celynnog

 Office 365



All pupils at Bryn Celynnog have access to the latest Microsoft Office applications as well as other cloud-based services. Microsoft Office 365 is your Office in the cloud! It will allow you to create, collaborate, edit, communicate and save school work as well as homework on your online space.

You will be able to access work on a range of devices, including PCs, laptops, tablets and smart phones. Microsoft 365 can be accessed at home, in school or on the go, provided you have an internet connection. Students can access their 365 account with their school email via the link on the Bryn Celynnog Home page. [Login Web Page](#)



All students have been invited to a Microsoft Team for each of their subject areas. Teams is used primarily as a communication channel but will also house learning resources and allow teachers to set assignments and homework.



Forms you can use to answer your homework quizzes and receive instant feedback. Develop surveys and quizzes of your own and share with your peers and teachers.

Student email format:

username@bryncelynnog.org.uk

Password is the same as the password used to access the school network.

For help accessing your 365 account please select the link [O365 Help](#)

Or contact Mrs K Stock at Kate.stock@bryncelynnog.org.uk if you have any further queries regarding Office 365.

Parental consent is required for students to access and use 365 applications.

Please do not forget to complete, sign and hand in a consent form to your form tutor or Mrs Stock.



BRYN THIS WEEK



ClassCharts

Pupil Accounts

Pupils have been given access to their own account, which they will be able to log into via a computer/mobile phone app or by speaking with their Form Tutor.

Once a pupil has logged into their account they will be able to see their behaviour points and have access to the Reward Store, where they can purchase rewards online with the positive points they have collected.

Rewards Store

Rewards are an acknowledgement of pupils' hard work and effort both in the classroom and around the school. There is a constant expectation that all pupils will be praised and rewarded. Pupils will be notified when they receive positive points by their classroom teacher and can monitor their score via the ClassCharts website or App. Positive points also link directly to the Rewards Store in ClassCharts. Pupils can purchase their chosen item from the app and collect it in school. The current list of available items is listed in the Rewards Store.

Parent Account

Every child has a unique access code, please use this code to create an account by going to the website below:

<https://www.classcharts.com/parent/login>

or alternatively you can search your app there to download the ClassCharts app free of charge. Once on the ClassCharts website/app we advise that you listen to the short tutorial to assist you in logging in. If you have more than one child at Bryn Celynnog you can use the plus sign in the top right hand corner with the additional access codes you have received.

If you have any queries please contact Ms Williams on

kathryn.williams@bryncelynnog.org.uk



BRYN THIS WEEK

Autumn				Spring				Summer			
week commencing	Homework		week commencing	Homework		week commencing	Homework				
	Core	Non-Core		Core	Non-Core		Core	Non-Core			
5th Sept			9th Jan	Science	PE	17th Apr	English	Welsh			
12th Sept			16th Jan	English	Expressive Arts	24th Apr	Mathematics	Geography			
19th Sept	English		23rd Jan	Mathematics	Welsh	1st May	Science	Technology			
26th Sept	Mathematics	Welsh	30th Jan	Science	Geography	8th May	English	Expressive Arts			
3rd Oct	Science	Geography	6th Feb	English	Technology	15th May	Mathematics	ICT			
10th Oct	English	Expressive Arts	13th Feb	Intervention Week		22nd May	Intervention Week				
17th Oct	Mathematics	Technology	20th Feb	Half Term		29th May	Half Term				
24th Oct	Intervention Week		27th Feb	Mathematics	Spanish	5th Jun	Science	Spanish			
31st Oct	Half Term		6th Mar	Science	ICT	12th Jun	English	History			
7th Nov	Science	PE	13th Mar	English	History	19th Jun	Mathematics	Expressive Arts			
14th Nov	English	ICT	20th Mar	Mathematics	Technology	26th Jun	Science	Technology			
21st Nov	Mathematics	Spanish	27th Mar	Science	Expressive Arts	3rd Jul	English	PE			
28th Nov	Science	History	3rd Apr	Easter Holidays		10th Jul	Intervention Week				
5th Dec	English	Technology	10th Apr			17th Jul	Last Week of Term				
12th Dec	Mathematics	Expressive Arts									
19th Dec	Intervention Week										
26th Dec	Christmas Holidays										
2nd Jan											

KS3 Homework Schedule 2022-23





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Rhifyn 6

Yr wythnos yn dechrau 5 Rhagfyr 2022

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Extra Curricular Activities

Day	After school 3 -4:15pm	Staff	Venue
Monday	Year 8 Rugby	Mr Griffith	3G
	Year 8 Netball	Miss Birch-Hurth	Sports Hall
	Year 8 Football	Mr Mines	3G
	GCSE Computer Science Club	Mrs Stock	M13
Tuesday	Year 8 Netball	Miss Birch-Hurst	Sports Hall
	Year 9 Football	Mr Varrall	3G
	Girls Rugby—All Year Groups	Mr Griffith	3g
	KS3 Gaming Club	Mr Clifford	M12
Wednesday	Year 8 Football	Mr Varrall	3G
	Year 8 football	Mr Varrall	3G
	Year 9 Rugby	Mr Mines	3G
	Basketball—All Year Group	Miss Birch-Hurst	Sports Hall
Thursday	Year 8 Football	Mr Waters	3G
	Year 8 Rugby	Mr Stock	3G
	Year 9 Netball	Miss Dyke	Sports Hall
Friday	Year 10 Netball	Miss Dyke	Sports Hall
	Year 9 Touch Rugby (Lunchtime)	Mr Mines	Sports Hall

UP COMING EVENTS

Date	Event
Tuesday 13th December - Thursday 15th December	Years 10 & 11 Mock Examinations
Friday 23rd December	Christmas Festival & Christmas Jumper Day

If you would like to contact us at Bryn This Week please email jeremy.stock@bryncelynnog.org.uk

