

Penwortham Priory Post



A Puzzling Time for Year 11 Maths

Mr Henshaw's Crypto Club is once again hoping to de-code their way to become national champions.

Two years ago the Assistant Head of Maths and his Year 11 team then were joint first in the code-breaking competition. It's a cipher competition which is run by the University of Southampton every year and around 100 schools enter the event.

This year's quest is called *Tinker, Tailor, Tourist, Spy* and is centred around interpreting World War II English and German codes.

The Year 11 Priory team is called *The Sparkly Slugs*, something Head Boy Louis isn't too keen on!

"The name wasn't my choice!" he said. "This is an extra-curricular activity run by the University of Southampton and it's over ten weeks.

"They set a task every week, in two parts, and they get progressively harder. It's a race to solve the codes. We are currently in week five and they do test your brains!"

Mr Henshaw said: "The earlier weeks tend to be easier to solve but I only really help if I spot something they are missing, other than that it is student-led. We did win it two years ago and we will be trying our best again!"

Further details at www.cipherchallenge.org

Diary Dates

Key Dates

Did you know that the term dates for this academic year, as well as the following year, are available to view and download from our website?

www.priory.lancs.sch.uk/parents/termdates

Year 7 History Castle Competition

Deadline Weds, 9 December

Reverse Advent Calendar Donations

Mon, 23 November to Weds, 9 December

Christmas Jumper Day

Fri, 11 December 2020

Year 11 Blood Brothers Online Workshop

Tues, 15 December

Year 11 Science Advent Calendars

Hand to Mr Bedford before break on Fri, 18 December

End of Autumn Term

Fri, 18 December 2020
Early lunch followed by school closure at 1.10pm

Science STEAM Competition Deadline

Fri, 8 January 2021

Learn to succeed



Jordan North Class of 2006

After three weeks of facing his fears, coping with hunger, battling through the elements and the trials, our favourite 'North'-erner has made it to the final.

The BBC Radio 1 DJ left Priory in 2006 although he didn't forget his roots and returned in 2018 to present at the Year 11 leaver's celebration assembly. Jordan, known for his Northern charm, hosts Radio 1's lunchtime show from Fridays to Sundays.

As a former pupil, of course we'll be backing him in tonight's final. Jordan's links with the school have meant both local and national media coverage for Priory over the past few weeks with even a feature in the Daily Mirror and a live slot on Radio Lancashire for Mr Eastham! So whether he wins or not, Jordan will always be our King of the Castle!

Will you be watching tonight? Please find the time to vote Team Jordan!

Christmas Jumper Day Friday, 11 December



Next Friday pupils are permitted to wear their Christmas jumpers, ties, hats etc **with their uniform** as part of the 'Christmas Jumper Day' celebrations.

If anyone would like to make a donation to charity, each Head of Year will have a collection tin during Friday's Learning for Life lesson.

This is part of the term's focus on 'kindness'.



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Class of 2020 Celebration Awards Presentation

The Celebration Awards presentation is now available for families to view online. Please head to the school website via the link below to watch Headteacher, Mr Eastham and Head of Year, Mr Faulkner present awards and prizes to Class of 2020.

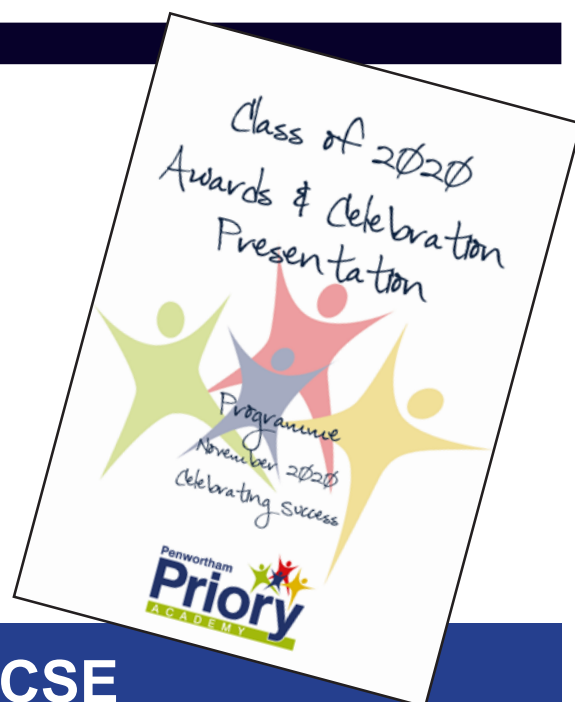
www.priory.lancs.sch.uk/news/2020-12-01-class-of-2020-celebration-awards-presentation

This is an annual event where we share the successes and achievements of last year's leavers and give our thanks. Unfortunately this year, as you can appreciate, the live event couldn't go ahead.

All trophies, certificates and other prizes awarded will be available for pupils to collect alongside their GCSE certificates.

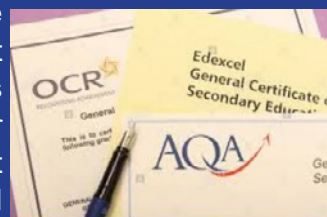
The event programme can also be downloaded from the school's website and a printed copy will be given to all our Year 11 leavers via their GCSE certificate packs which are now available to collect from school during normal hours.

Congratulations to all our leavers once again for everything you've achieved in this most difficult of years and we wish you all the very best for your futures.



GCSE Certificate Collection

Certificates are available to collect during school hours by either the former pupil or their parent and must be signed for.*



All visitors must wear a face covering.

We would like to take this opportunity to emphasise how important it is that the exam certificates are collected, as they are very important documents that are likely to be needed throughout the future and particularly if a path to university is planned.

School is only legally obliged to keep certificates for a 12 month period, after which time they are disposed of. If copies of certificates are needed after that time, students will need to contact the appropriate examination board(s) directly and pay costs to obtain copies. As you will appreciate, these costs can mount up.

**If any other person is collecting the certificates on your behalf they must have a note, signed by the pupil, authorising your permission for school to release them.*

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SPORTS REPORT

Three Priory pupils are hitting the highs after being selected for the Lancashire Academy for Hockey.

Year 8 pupils Martha and Aluna came through tough trials to qualify for their county while Year 9 pupil Phoebe, after two years of competitive trials and representing Lancashire, was automatically selected for her age group this year.

Martha is a right midfielder and Aluna plays in the centre of defence, both play for Preston Hockey Club.

"I got involved with Preston Hockey Club through a friend a couple of years ago," said Martha. We train three days a week and we were asked to go for Lancashire trials at AKS School in Lytham."



Both girls attended trials last year and didn't get on the county squad but this year was different.

"We got an email to say we had got in the Under 13s group," said Aluna.

"Due to lockdown we haven't been able to train yet but we are both looking forward to it. I enjoy hockey, it's a good game to play."

Martha added: "I like hockey because it's an exciting game, it's fast, it's technical and you meet new people. I was happy when I got the email to say I had been selected for the Academy."



Phoebe, who also plays for Preston Hockey Club, said: "I got into hockey through my mum who plays. I play left midfield. I was in the Lancashire Academy for Under 12s and Under 13s and had to come through trials for them but this year I got into the Under 14s automatically. It's exciting to represent your county."

Proud PE teacher, Miss Beesley said: "All girls took part in after-school sessions with hockey coaches and it's great they have access to the sport outside school at Preston Hockey Club and have carried on their love of the game."

"They are three talented girls, who are all a credit to the school, and it's great they have been selected for the Lancashire Academy, where they will play at a higher level and test their skills."



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Year 11 Pupils and Parents

GCSE Exams

Summer Season 2021



The Joint Council for Qualifications (JCQ) has now released the timetable for the Summer GCSE 2021 exam season.

The first GCSE exam is on 26 May and the last exam is on 2 July.

Yesterday - Thurs 3 December, the Department For Education outlined further changes to GCSE exams for 2021, this included the following information:

'Additional exams as a second chance for students to sit a paper if they miss the main exam because of illness or self-isolation.'

These additional exams are likely to be throughout July so for this academic year we are asking that Year 11 do **not book any summer holidays** that fall outside of the usual school holiday pattern.

As soon as the additional exam weeks are published we will let you know.

Mr Gee
Assistant Headteacher

Quick Draw Rewards

Each week, teachers will nominate individuals who have particularly impressed them with their effort, attitude and engagement with their learning - giving a brief reason why. Teachers will let all pupils know if they have a nomination. Heads of Year will then draw a name at random from the list, one per year group. The lucky pupils will then be contacted by Miss Thornton to receive their £5 voucher.



Winning pupils have a choice of a £5 Amazon or Love2Shop voucher, both of which can be spent online, or a £5 Costa Coffee voucher.

Randomly chosen winners from last week were:

Year 7 - Jolie T - Nominated by Mrs Webster for brilliant English class work.

Year 8 - Jessica M - Nominated by Mr Taylor for excellent garageband arrangement in Music.

Year 9 - Alfie P - Nominated by Mrs Cowell for great attitude to learning in Food Preparation & Nutrition.

Year 10 - Tyler D - Nominated by Mrs Massey for demonstrating a good understanding of the topic in Biology.

Year 11 - Kian B - Nominated by Miss Thornton for great attitude to learning in English.

Miss Thornton
English Teacher and Specialist Leader for Education

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Year 7 History Competition

Build Your Own Motte and Bailey Castle



Build your own **Motte and Bailey Castle** with whatever resources you've got at home and bring them into your own classroom on **Weds, 9 December** to be judged! Make sure your creation has your name on it!

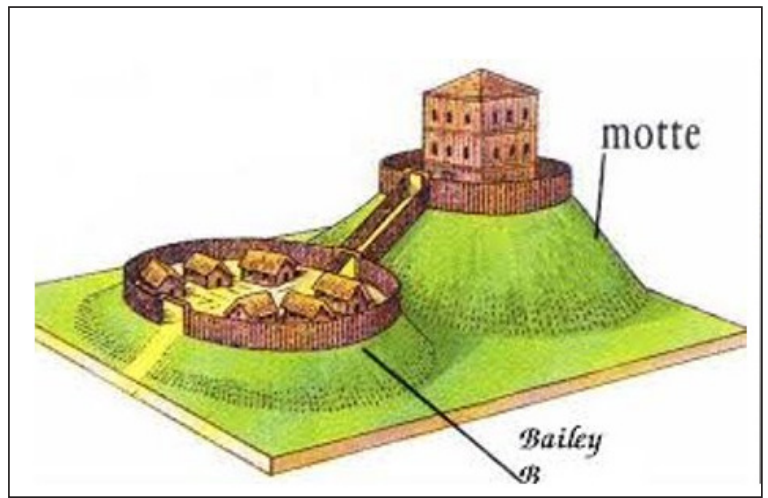
The winner will receive a voucher for a store of their choice and there will be two runners up who will receive fantastic prizes!.

This is a completely voluntary competition, and your castle can be made as big or small as you'd like. Your castle needs to be taken home before Christmas due to space restrictions in classrooms (unless your castle is kept for display purposes).

Pupils should see Miss Ackers for any queries or email b.ackers@priory.lancs.sch.uk

Good luck!

Miss Ackers
Humanities Teacher



The Weekly Challenge

These short general knowledge quizzes are set fortnightly as part of Friday's Learning for Life lesson.

Pupils in Year 7-10 are given this as a homework assignment, via MS Teams, to revise for the test at the end of the week. The content of these quizzes will enhance learning across all subjects and widen Year 2 vocabulary.



Here's today's challenge. Parents - How would you get on?

1. Who wrote the famous war poem 'The Soldier'?
2. What note does a musical scale usually begin on?
3. If quadruplets are born, how many offspring have been born in one pregnancy?
4. What is a constituency?
5. What are the top 5 UK charities?
6. Who invented the chocolate bar?
7. What does the French verb 'dormir' mean?
8. What does 'adroit' mean?
9. Choose and rewrite the correct spelling of the word that means 'a regular pattern of sound or movement'.
Rhythm, rythm, rhythym.
10. If you press Ctrl+X on a computer keyboard, what happens?

Answers on page 14



Year 8 Equality & Diversity Club

Priory's Equality & Diversity Club was set up by Year 8 pupil India on a subject she feels passionately about.

The group meet every Wednesday lunchtime in the Assembly Hall under the guidance of English teacher, Miss Smith and Science teacher, Miss Deeley.

"I started this as I wanted a safe space to talk about equality and diversity and also to do things for the school," said India.

"I know about discrimination in this country, two of my siblings are both gay and I have heard people speak against them. I have friends who are bi-sexual and it's important everyone is treated equally. I have ideas to improve school, such as special days to raise awareness, and badges and posters so people know about it.

"Sometimes people say things and don't realise they are being discriminatory or homophobic so it's important to raise the issues surrounding it.

"I asked to start the club and the teachers got involved and a few of my friends wanted to join and now there is a big group of us. It's pupil-led but the staff do help us with tips and ideas."

Miss Smith said: "India emailed us about setting up the club and, within two days, it was up and running. It's a very driven group, they are passionate about equality and it's great to see pupils get so involved and be so motivated. They are currently designing a badge for their club."

Head of Learning for Life at Priory, Mrs Hopes, said: "Equality and diversity is something pupils are becoming increasingly confident and comfortable talking about in and around school, over the last few years. *It is great that pupils have now created a group where they can discuss topics and experiences, with likeminded people who feel the same or who have had the same experiences.* I am sure with Miss Smith's and Miss Deeley's guidance, the group will introduce strategies which will increase discussion around equality and diversity, and will further enhance the support mechanisms we already have in school.

Year 8 pupils are welcome to join the lunch club in the Assembly Hall on Wednesdays – just turn up!

If any other year groups want to set up their own Equality & Diversity Club like this one, please see Miss Smith or email n.smith@priory.lancs.sch.uk.



Competition Time!

The Science department is setting you a challenge!

As we continue to be spending more time at home why not start thinking about future careers in STEAM (Science, Technology, Engineering, Arts & Maths) while you enjoy a good film!

We are asking students to choose a character from a film or TV show that has a career in STEAM and explore how they are portrayed.

Choose one character and film from the list on the poster, or use your own idea. Using a mind map explore the following questions about your character:

- What role does the character play in the film or show's plot?
- What's good or helpful about the character's look, personality and role in the film?
- What's negative or unhelpful?
- What do you think this film has to say about people with a STEM background or career?
- Did you notice that most STEM characters in films were white, male and able-bodied? Other than those above can you think of any who didn't fit this stereotype?

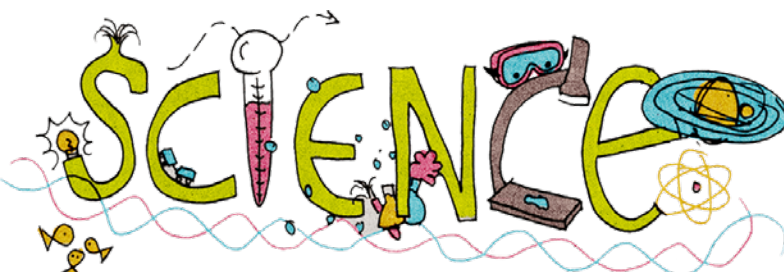
For all details see poster>>

Parents, please check the film/TV choice is age appropriate.

Please return your finished mind map to a member of the Science department by Fri, 8 January - that's the end of our first week back after the Christmas break.

There's rewards for the best entries!

Mrs Massey
Assistant Head of
Science



A Future STEM 2 STEM Stereotypes



Briefing
What do the movies have to say – good and bad – about people in STEM careers?

YOUR TASK
Discuss and present back your ideas about how a film portrays a character with a STEM career.

WHAT YOU NEED TO DO

- Choose one character and film from the list below, or use your own idea.

Clarissa Mullery – Silent Witness

Clarissa is the forensic examiner that the investigators rely on to solve the crimes.

Emmett Brown – Back to the Future

An inventor, Emmett creates the DeLorean car-based time machine.

Tony Stark – Iron Man

An engineering genius, Tony creates the Iron Man suit.

Amelia Brand – Interstellar

A botanist, Amelia is the chief scientist on the expedition through the wormhole.

Mark Watney – The Martian

Mark is a botanist who is part of the Ares III team, presumed dead after a violent storm on Mars. Watney is forced to use his ingenuity and wit to survive until he can be rescued.

Q – Skyfall

MI6's tech expert, Q hacks Silva's laptop but lets it take over MI6's servers.

Ryan Stone – Gravity

Ryan is a medical engineer who must get back to Earth from the ruined ISS.

Bruce Banner – Avengers

A nuclear physicist, Bruce is turned into the Hulk by the Gamma Bomb test.

Jillian Holtzman – Ghostbusters (2016)

A nuclear engineer, Jillian started Ghostbusters.

Grace Augustine – Avatar

An expert on plants from other planets, Grace runs the avatar programme.

Shuri – Black Panther

Shuri is the tech genius that runs the innovations lab and creates the amazing crime fighting tech.

- Using a mind map explore the following questions about your character:

- What role does the character play in the film or show's plot?
- What's good or helpful about the character's look, personality and role in the film?
- What's negative or unhelpful?
- What do you think this film has to say about people with a STEM background or career?
- Did you notice that most STEM characters in films were white, male and able-bodied? Other than those above can you think of any who didn't fit this stereotype?

- If you have extra time, search fandom <http://fandom.wikia.com/topics/movies> to find out more about the character.

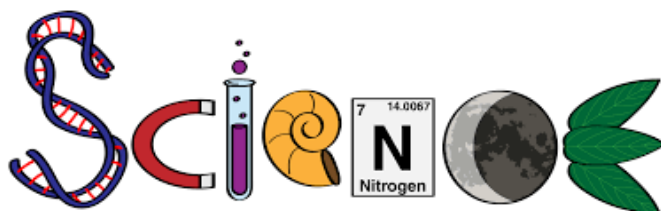
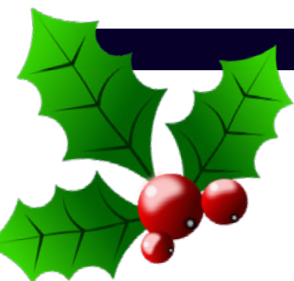


- 'La voyage dans la lune' (A trip to the moon) was the first science fiction film, made in 1902! You can find it in full on YouTube.

- Armageddon (1998) is considered by many to be one of the worst ever movies for getting science and

technology wrong. It's so bad, NASA were once said to use it in training, to see if trainees could spot the apparent 168 inaccuracies it contains.

- A page of the Script from 'The Martian' actually travelled on NASA's Orion Space flight!



Year 11 Science Advert Calendars

The start of December means advent calendars. Chocolate, sweets, and... science?! That's right!

All Year 11 students should have been given a science advent calendar, comprising a short revision task for each day up to Fri, 18 December. Each task should take approximately 5 minutes with the answers to be written in the grid on the back page.

With exams in the not too distant future, it is important that students begin to revise in regular small chunks and this task should help build a solid routine. Completed sheets should be returned to me on the final day of term before the end of break.

We will be doing three prize draws for effort.

If you need another copy of the sheet, or any further info, please email Mr Bedford at d.bedford@priory.lancs.sch.uk

Mr Bedford
Head of Science



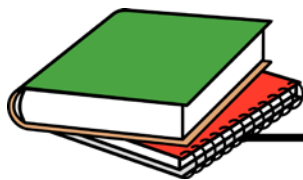
Advent Calendar (of Science!)



All questions are for 3 marks. This means you typically need to write three bullet points for each question. Don't just copy the first result on Google! Consider the question, use your revision guide etc, write 3 concise points - like you would in the exam. Remember to consider the command words - **describe** means *what*, **explain** means *why, how, etc*.
Prizes (£10 Amazon vouchers) will be given for effort.

Tues 1st Describe the steps in mitosis.	Weds 2nd Describe what happens to the electrons in each type of bonding (ionic, covalent, metallic).	Thurs 3rd Sketch and explain a current-potential difference graph for diode.	Fri 4th Explain how white blood cells protect us	Sat 5th Explain why simple molecules have low melting and boiling points.
Sun 6th Explain why turning a corner at a constant velocity is considered to be acceleration.	Mon 7th Describe how natural selection occurs	Tues 8th Explain how electrolysis separates an ionic substance.	Weds 9th Describe the three types of radiation (what is each one) and their ionising power.	Thurs 10th Explain the difference between dominant and recessive alleles. Which type causes CF?
Fri 11th Explain how increasing the temperature increases the rate of reaction.	Sat 12th List the waves of the electromagnetic spectrum. Give a use for each. Describe the wavelength and frequency of the waves.	Sun 13th Describe the steps in a reflex action.	Mon 14th Explain how fractional distillation separates hydrocarbons in crude oil.	Tues 15th State the equations that link: 1. Current, potential difference, resistance 2. Acceleration, force, mass 3. Density, mass, volume
Weds 16th Describe the function of the three organelles found in plant cells but not animal cells.	Thurs 17th Explain why graphite can conduct but diamond cannot.	Fri 18th Describe the change in energy stores as a fuel is burned below a tank of water. Hand in to Mr Bedford		

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English

Year 11 English Interventions - Thursdays

These additional classes are held on Thursdays after school until approx 4pm.

Pupils should see their English teacher first although may simply turn up for the session if they wish. For some pupils these interventions will be compulsory if their teacher feels they are struggling with that area of study.

Maximum number of pupils is 25 per class.

Mrs Gidden
Head of English

Week	Teacher / Room	Poem
10 December	Mrs Webster EN1	Macbeth Act 1
	Mrs Elliott EN4	Macbeth Act 1
	Mrs Gidden EN3	Romeo and Juliet Act 1

Year 11 Interventions

Class are until 4pm unless stated.

Monday

Science

History (until 3.45pm)

Tuesday

Maths

Further Maths

Thursday

English

Geography

History (until 3.45pm)

Friday

Geography



Year 11 French Intervention Classes

There is a Year 11 French Higher Tier intervention after school on the following dates:

- Thursday, 10th December
- Tuesday, 12th January
- Monday, 25th January
- Thursday, 11th February

This is a one hour session and attendance is vital. Please see Mrs Scully with any queries or email a.scully@priory.lancs.sch.uk

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Harry Coyne - Class of 2020

Former Priory pupil Harry has left home at 16 to pursue his dream of being an American Footballer and also to follow his love of sports journalism.



Harry left Priory this summer and secured a place on the Sports Journalism course at the prestigious SGS College in Filton, Bristol, partly thanks to his American Football prowess.

His mum Jude says he is now "cooking, cleaning, washing his own clothes and organising his day all by himself – with the odd call to his mum!" as he house-shares with three other boys.

Harry excelled at American Football at Priory, being on the Chorley Buccaneers youth team who were crowned national champions and, despite being younger, he was a key part of their Under 17 side and also had trials for the GB Under 19s squad.

Since then he has been accepted onto the PRIDE College American Football Team after try-outs via video as one of just six quarterbacks, which helped secure his place at Bristol.

Harry said: "I knew I wanted to be a sports journalist from a young age, I have always watched all types of sport and enjoy researching about them as well. I became very knowledgeable about sport so I knew that journalism would be my future employment plan if making it as a professional American Football player doesn't work out.

"To get a place at the college on the course side of things was fairly easy, once I had stated that I was a part of PRIDE (the American Football Academy).

"I achieved all my GCSEs and the course is a Level 3 BTEC so I had the grades to get on it. The hardest part of getting in was getting on the American Football Team. Trials this year were cancelled due to COVID so to get in I had to send in game film/videos. Luckily enough I had plenty of this and I managed to make it on to the team as one of the few quarterbacks selected.



"Moving away at 16, I was confident at first because I quickly found accommodation, and linked up with a few other players moving down to Bristol to play American Football, one of which I know from back home already, so that was a confidence boost. When I first got down it was tougher than I thought to get used to the new surroundings but I quickly became comfortable with it.

"The course I am on is popular with the American Football players so I had plenty of people I knew in my class, also the team is like a big family, everyone looks after one another and everyone is good mates.

"The course is really interesting because it is something I enjoy. We focus on all aspects of journalism - camera work, writing, video editing etc.

"As for the American Football, it is in my opinion the closest thing to playing College American Football in the USA that we have in Europe. It was a great achievement when I found out I was accepted onto Filton PRIDE, because it is the elite of the elite for the sport anywhere in Europe, they also have a proven track record of getting their players to the US and also pro contracts in European leagues.

"We play games against European programmes like the French national team, university teams from England and also in the past against high schools from Canada and the US.

"We have training all week long that works with our class schedule so nothing collides. We have our own gym, field, track, changing rooms with ice baths and our own personal physio and also the top coaches in the country."

Harry thinks being at Priory contributed to him settling in so quickly to his new life.

"I think Priory helped me mature quicker and also helped me with basic life skills to move forward."



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COMMUNITY & VOLUNTARY

Priory's Reverse Advent Calendar



We're still collecting for our reverse advent calendar up until Wednesday, 9 December. The collection is firstly for Penwortham's food bank supporting local families, and the second is for the homeless visiting the Foxton Centre.

Where do I drop my donations?

Before Period 1 lessons leading up to Weds, 9 December, pupils can take items to their bubble collection base:

Year 7 - PE office | Year 8 - Office between HU5 and HU6
| Year 9 - Humanities office | Year 10 - Pastoral corridor collection room | Year 11 - SC1

Thank you for your support.

tfc

we are here



REVERSE ADVENT CALENDAR

Each day you add an item to the box and on Christmas Eve you donate the contents to a foodbank



Year 11: Guided Tours at Runshaw!

Runshaw College is now offering private college tours to Year 11 students with their Schools Liaison Team.

Slots are limited and will be for one Year 11 student and a maximum of two parents/guardians. Individual tours will run from 4.10pm-4.55pm Monday-Friday during term time.

Time slots will be released at the start of each month. Please note that these slots are primarily for those students who have not yet had the chance to visit the Leyland Campus before.

To book go to>>

www.runshaw.ac.uk/your-guided-tour-at-runshaw/

RUNSHAW
COLLEGE

Personal
Guided
Tours

runshaw.ac.uk/guidedtour

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Word of the Week

Every week teachers will introduce a new word to pupils in their Learning For Life 'Challenge Day' lesson.

Teachers will clearly explain the literacy tip of the week and will reference the Word of the Week in their lessons. Pupils will be challenged about them in curriculum time. Achievement points are awarded for correct use of Word of the Week.

Pupils: Make sure you have checked through your work to ensure you have applied the literacy tip correctly.

Word of the Week:

Hypothesis

Noun

1. A prediction based on some evidence e.g. *my hypothesis is that it will rain tomorrow*

Etymology:

Late 16th century: via late Latin from Greek *hupothesis* 'foundation', from *hupo* 'under' + *thesis* 'placing'.



Literacy tip of the week...

Prepositions

Prepositions tell us where something is or when it happened (or is happening) – look at the second part of the word **preposition** (the position of something).

e.g. below, above, beyond, next week, tomorrow...

Can you think of five prepositions?

Use prepositions to start your sentences! They are a really engaging way to catch your reader.

Below the horizon, there is a huge mountain...

Synonym of the week...

What is a synonym?

A **synonym** is a word that has a very similar or the same meaning as another word.

So synonyms for 'tired' include 'depleted' and 'weary'.

TASK:

Find synonyms for the word:

Right

Your vocabulary is so important! Make sure you have one!

Annual Pupil Admissions Consultation

CONSULTATION



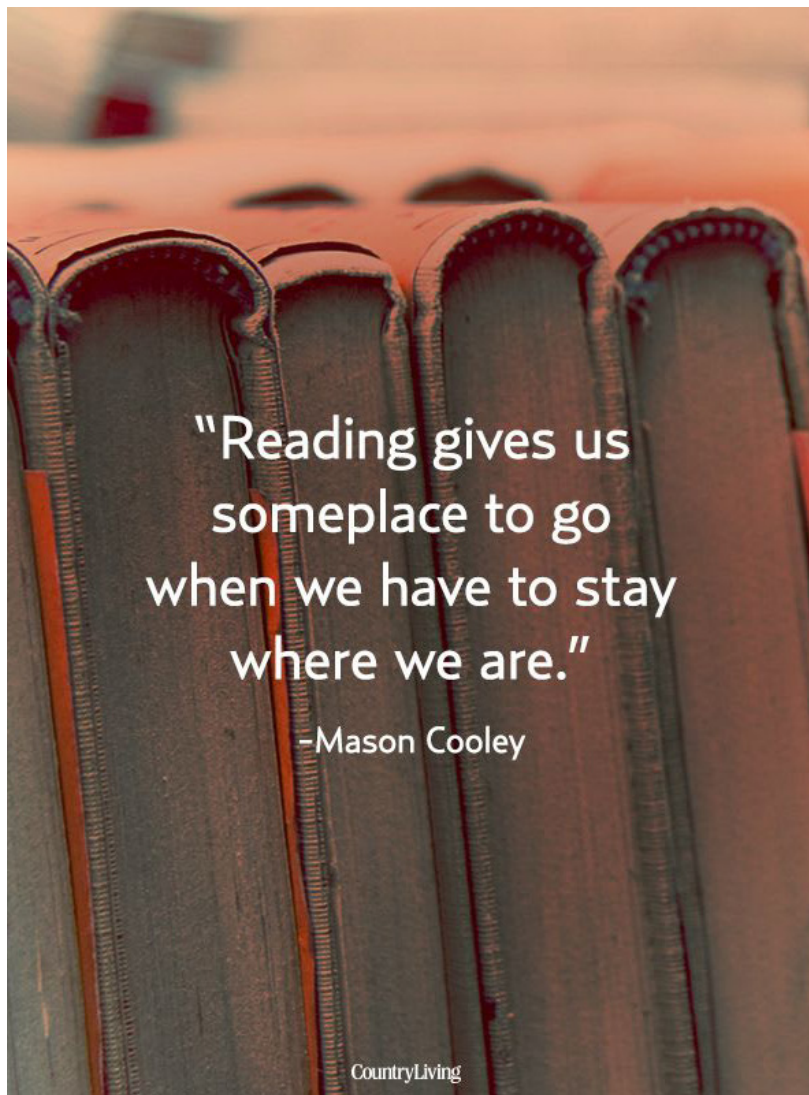
Penwortham Priory Academy is consulting on its admissions policy for 2022 onwards and has commenced a 6 week consultation period from 27 November 2020 to 7 January 2021.

If you would like to submit a comment, please email enquiries@priory.lancs.sch.uk and include the subject line of 'Annual Pupil Admissions Consultation'. All responses received will be considered by the Governing Body once the consultation has closed on 7 January.

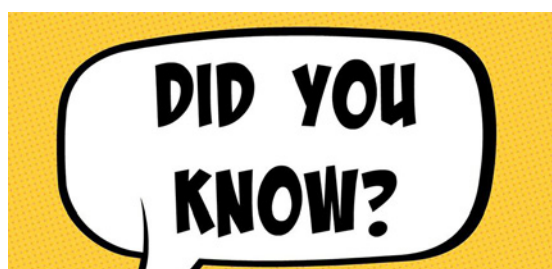
The proposed policy is available to view and download from the school's website at www.priory.lancs.sch.uk/about-priory/admissions/annual-pupil-admissions-consultation

Learn to succeed

Answers to this week's Friday Challenge.



1. Rupert Brooke www.poetryfoundation.org/poetrymagazine/poems/13076/the-soldier
2. C
3. Four
4. A specific area that is represented by an MP in the House of Commons.
5. Cancer Research UK, British Heart Foundation, Salvation Army, Macmillan, British Red Cross.
6. Joseph Fry in 1866 in Bristol
7. To sleep
8. Clever, resourceful
9. Rhythm
10. The selected text or information is cut.



Did you know that most of our letters are also on the school website?



Letters to Parents

All letters are emailed to first-contact parents or given to pupils to take home, depending on their contents. Letters for things such as trips, revision guides, clubs, parents evenings, online learning platforms etc are also uploaded to the Letters page on our website as a backup. In addition, parents can also view all school communication with reference to their child/ren through their Synergy account.

Letters page>> www.priory.lancs.sch.uk/parents/letters

Synergy >> www.priory.lancs.sch.uk/parents/synergy

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