



Friday 6th October 2023

The Hayes Herald



AUTISM



Google



Welcome

Hello everyone and welcome to the final edition of The Hayes Herald this side of half term. For the last few weeks, the team has been organising some exciting changes which will all be revealed in the first edition after half term!

Podcast Update

The latest edition of the podcast was recorded last week, but it was unfortunately delayed due to the induction events we were running for our new members last week, but we are back on track now and an edition will be published tomorrow, before reverting back to the normal release schedule – being published next week.

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Vanilla Cake

Ingredients:

250g unsalted butter
250g golden caster sugar
1tsp vanilla extract
5 large eggs
85g plain flour
250g self-raising flour
3tbsp semi-skimmed milk

Buttercream ingredients:

600g icing sugar
300g unsalted or
salted butter



Method:

Step 1: Using electric beaters or a tabletop mixer, beat the butter, sugar, vanilla and $\frac{1}{4}$ tsp salt together until pale and fluffy, then pour in the eggs, one at a time, giving the mix a really good beating before adding the next.

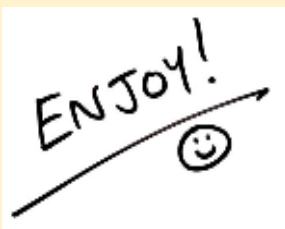
Step 2: Add 1 tbsp of the plain flour if the mix starts to look slimy rather than fluffy. Mix the flours; then, using a large metal spoon, fold them into the batter, followed by the milk.

Step 3: Spoon the mix into the tin and bake for 1 hr 20 mins (i put it in for around 50 mins) or until well risen and golden – a skewer inserted into the middle should come out clean.

Step 4: whilst you wait for it to cool you can start to make the buttercream. Beat 600g sifted icing sugar and 300g butter together with your chosen flavouring and colouring if using. If you need to you can add in the amount of milk needed until smooth.

Step 5: When your cake is fully cooled, slice it in half and place some of your buttercream in the middle.

Step 6: Now you can decorate your cake however you like!



-Anna Prayag Baltanas

Jacob's Political Deep Dive

A bleak picture for the future of US Politics?

The US Government is in a fragile state. Since the riots on the 6th January 2021, the political landscape had been volatile to say the least, with Donald Trump's Republican Party divided, and scared – scared of yet another defeat in the Presidential election. So, what has led to this, and how will it impact the future of the United States of America?

On the 8th November 2022, the US had its mid-term elections, in which they voted for which politicians they wanted in the House of Representatives and the Senate. At the time, the Republicans were expected to reach majorities in both chambers – this was not the case, with the Democrats keeping control of the Senate and the Republicans gaining a very slim victory in the House. This was due to a number of reasons, including distrust in President Trump (who is widely expected to be nominated as the Republican candidate for the 2024 presidential elections), as well as much anger at the Republican's stance on abortion. The poor performance of the Republican Party at the recent election has led to many of the current problems – including how on Tuesday, the House of Representatives made history by removing the speaker from office.

After more than fourteen rounds of voting, Kevin McCarthy finally rallied enough support from within his own party to be chosen as Speaker of the House in January of this year, but since then, the fractured Republican party has made it far from easy to govern, with several hardline Republicans refusing to back many of McCarthy's bills with McCarthy describing their attacks on him as 'personal'. It was these far-right Republicans who eventually led to the ousting of him as Speaker – a first in US history – showing the shattered state of the Party as they fight each other for dominance. The turbulence within the House majority has led to major problems in the running of the country as seen last week.

Every year, the US Congress needs to pass twelve bills which finance the running of the country. If one of these bills fails to be passed, it results in a shutdown of non-essential Government spending, including the payment of some government workers. Last time this happened, more than 800,000 people were forced on unpaid furlough, including members of the Departments of Defence and Medicine. Last week, this very nearly happened again after the Republican Party failed to unite together in order to pass a deal, resulting in the Democrats (President Biden's party) having to lend their votes to help McCarthy pass a bill, giving lawmakers until mid-November to pass a longer-term legislation, or face Government shutdown.

It is clear that a divided Republican Party allows for the fragile governance of the world's biggest economy, and with the 2024 Presidential elections coming around very soon, a foggy road lies ahead for the future of the United States of America.

How does a genetic disease work?

What are genetics?

The gene is the basic unit of inheritance, it's a small section of DNA on a chromosome (thin strands of DNA). Genes are extremely important as they determine your traits, for example: your eye colour, height, hair colour and what make you, you. You inherit pairs of genes for most characteristic from each of your parents these are called alleles. There are 23000 genes that make up a human, as they are arranged in chromosomes, we have 46 chromosomes with 23 from each of our parent.

What is a genetic disease?

An irregularity of the inherited genome.

- down syndrome
- heart disease
- Alzheimer's disease
- Diabetes
- Cancer
- Cystic Fibrosis

How does it work?

They occur due to mutations. A mutation is changes in the DNA, this mean there is a change in instruction for making a protein, which can prevent or alter the protein function or prevent the production entirely. You may have heard that genes can skip generations. Well, they cannot. However, a gene may not be as strong in one person while in another person its extremely prominent. By looking at chromosomes, women have two Xs and men have an X and a Y. The Y chromosome is weaker which means that if a male is colour blind and has a female offspring she may not be affected as her one working X chromosome stops her from being colour blind or as severely colour blind. However, she still carries the gene.



Google 25th Anniversary

Google is an internet browser that has been used throughout the 21st century. Its main use is to find answers for your questions and make life a little easier. This Browser has been in the top of the top of internet browsers for as long as I've been born. It's incredible how these things have elevated over the years. Weirdly enough Google's old name used to be "Backrub". Over the years, Google has made many strange things that you can type into the search bar for an effect such as, Do a Barrel Roll, Splatoon and Dog & Cat. Searching these in google will give you some cool Easter eggs. The man, who is still managing and directing, is called Sunder Pichai. Google was born/created on the 27th of September 1998. Google was almost sold for under \$1 Million Dollars a year after it was made (imagine if they did it and lost out on \$1.6 Trillion). Throughout my article, I've explained the past and present of the internet browser we all know and love... Google.

- Ben Smith



SEND: Autistic Spectrum Disorder

Autism is a disorder that affects 1 in 36 children. It causes their brains to be wired differently. People with ASD usually have many social challenges and struggle with expressing their emotions to others.



Signs a person may have autism.

ASD is commonly diagnosed in the signs of:

- sensory urges
- strong emotions
- trouble understanding socialisation
- finding changes much harder than you'd expect
- repetitive or restrictive interests
- and many more...

Facts about ASD:

- boys are four times more likely to get an ASD diagnosis
- the word Maori use for autism is takiwatanga, meaning in their own time and space
- masking is very common among people with autism

What is Masking?

Masking is a cover-up of true emotions and a concealer of differences to try and 'fit in' with their peers. Masking is very useful to many people, and they tend to mask on a daily basis. Masking can be identified in mirroring gestures, trying, and struggling to keep eye contact, and having rehearsed answers to questions. While masking is useful at times, too much of it can be damaging on your mental health, and may even cause you to experience a burn out.

Dates of History- The Black Death

The Black Death was a pandemic in Europe and Asia and had its worst outbreak between 1347 and 1351. The disease killed somewhere between 50million-100million people across Europe. Historians cannot be sure what disease caused the Black Death; however, it is believed by many to be a bubonic plague- a bacterial infection.

The disease was most likely carried by fleas living on black rats. These animals would travel on Genoan ships and brought the plague to port cities across the Mediterranean, as well as travelling across trade routes (Silk Road, etc.) and brought infected fleas to large European cities. When the fleas bit humans, they were infected with the plague by injecting a small amount of Y-Pestis bacteria into the given wound. Symptoms would then begin 3-7 days after. Not everyone agrees that plague caused the Black Death, some historians suggest that it could have been anthrax or viral hemorrhagic fever which caused the pandemic. Although, those living through the plague were yet to know about the modern possibilities. They most commonly believed that diseases were a punishment from God, due to their heavy influence from the church.

In humans, the bubonic plague causes fevers, severe flu symptoms, and buboes (large swellings filled with pus, they are black and purple, which could be how the disease got its name). The disease was horrible, and many died painful deaths. The disease killed around a third of Europe's population, however some areas were affected less than others. There were 75 to 200 million people across Europe and Asia combined who died during the contagion.

Until the 1700s, the plague seems to have reappeared in Europe at least once. Obviously these were smaller, but some were more intense than others and caused more deaths. The most virulent form of the plague seemed to disappear from Europe in the 18th century.

- Zoe Nevard



[A rare baby silvery gibbon has been born in a wildlife park in the Isle of Man](#)

They are primates that naturally live in Indonesia and there are only about 2,000 silvery gibbons in the wild. They have silvery fur and long limbs, helping them swing from branch to branch in the jungle. Staff at the wildlife park don't know whether it is a boy or a girl yet, as they want to give the baby time to bond with its mum before they try to inspect it. In the wild, the silvery gibbon is only found on one island called Java, in Indonesia. The silvery gibbon is one of the most threatened primates because its habitat in Java is being destroyed by humans. They are also under threat from the illegal pet trade, where people buy and sell them. There are 52 silvery gibbons in nine zoos across Europe. Slamet's baby was born in Curragh's Wildlife in the Isle of Man, which is one of the locations for helping the silvery gibbon's species develop. Across other wildlife parks in Europe animal's experts are looking after silvery gibbons, hoping they have more babies like this one. The first pictures of the newest arrival to Curragh's Wildlife Park show one of the endangered primates, named for their silvery-grey fur, nestled in its mother's lap as she feeds on fruit and tends to her new baby. The new arrival at Curragh's Wildlife Park was born as part of the European Association of Zoos and Aquaria's (EAZA) ex-situ programme, which aims to protect endangered species. Kathleen Graham, general manager at Curragh's Wildlife Park, said it was "great" to see the family expand. "There are just 52 silvery gibbons in the care of nine European zoos, so the birth is very significant," she said. The animals are classified as endangered by the International Union for Conservation of Nature Environment Minister Clare Barber said it had been an "honour to be chosen to give a home" to Nakula and Slamet from Australia and Kent seven years ago. "Great credit should go to the Curragh's team for providing the environment and care that has allowed this important family to grow," she added. Silvery gibbons are quite vocal using their loud calls to mark their territories and protect their borders from neighbouring groups. They have varied vocalisations for communicating to each other and they're the only gibbon species that don't sing in duets.



- Lara Griffiths

HARRY POTTER

Harry Potter

This week's books are the Harry Potter series which are very well known books by JK Rowling. There are 7 books in this series, Harry Potter and the Philosopher's Stone, Harry Potter and the Chamber of Secrets, Harry Potter and the Prisoner of Azkaban, Harry Potter and the Goblet of Fire, Harry Potter and the Order of the Phoenix, Harry Potter and the Half-Blood Prince and Harry Potter and the Deathly Hallows. The first book was published on the 26th of June 1997 and the rest were published between 1998 and 2007 by Bloomsbury even though 12 other companies had rejected it beforehand. Harry Potter is based on a boy who grew up with his aunt and uncle until at 11 years old he got accepted into Hogwarts, a school of Witchcraft and wizardry, and found out about his real past in which a dark wizard tried to kill him. As he goes through his years at Hogwarts, he has adventures that all lead up to his final battle. I loved the Harry Potter books as the story line is amazing and the characters are very well created.

After the success of the first few books the Harry Potter books were turned into a film series consisting of 8 films (the final book becoming a movie with 2 parts). The main characters were played by Daniel Radcliff (Harry Potter), Rupert Grint (Ron Weasley) and Emma Watson (Hermione Granger), the first two films were directed by Chris Columbus, the third film was directed by Alfonso Cuaron, the fourth film was directed by Mike Newell and the final four were directed by David Yates.

Also following the success of the first books JK Rowling wrote the books Quidditch through the ages and Fantastic Beasts and where to find them which were originally just titles of schoolbooks in Hogwarts, but JK Rowling released them in Aid of Comic release in March 2001. Then later on in December 2008 she released Tales of the Beedle Bard with all the money going to the charity Lumos. I really like that the books that were in the books were written because it gives a further insight into the series.

In 2016 the Fantastic Beasts and where to find them was released as a movie set in 1926 in America about a wizard called Newt Scamander played by Eddie Redmayne who's 'fantastic beasts' escaped while he was there. I really love this movie because it is so interesting, and I like how it is set in a different country to the original series as it gives you a deeper look into the wizarding world. After these two more movies were released the first of which continues on from Fantastic Beasts and where to find them and is called Fantastic Beast: Crimes of Grindelwald and it follows the story of not only the obscurus Credence, but you also get to learn more about Grindelwald who was the Voldemort of the time. Then the third movie is called Fantastic Beasts: Secrets of Dumbledore in which as the name suggests you learn more about Dumbledore's past.

The final thing I want to talk about is the Cursed Child play. This is a story about Harry and Ginny's kids, James, Albus and Lily, Ron and Hermione's kids, Hugo and Rose as well as Draco's son Scorpius, specifically Scorpius and Albus. I had the amazing opportunity to go see this play last year and it was AMAZING. It has everything you would hope for in the prequel of the series as it shows different outcomes of the original series as well as having its own story. I also loved seeing the original characters as adults and how their experiences have affected them.

- Emma Prayag Baltanas



Thank you for reading this edition of the Hayes Herald. The next edition will be released on Friday 3rd November.

The answer to last edition's riddle was: 'Do you mind?'. This edition's riddle is: 'I have lakes with no water, mountains with no stone and cities with no buildings. What am I?'

Give your answer here: <https://forms.office.com/e/c0HkW8FnYG>