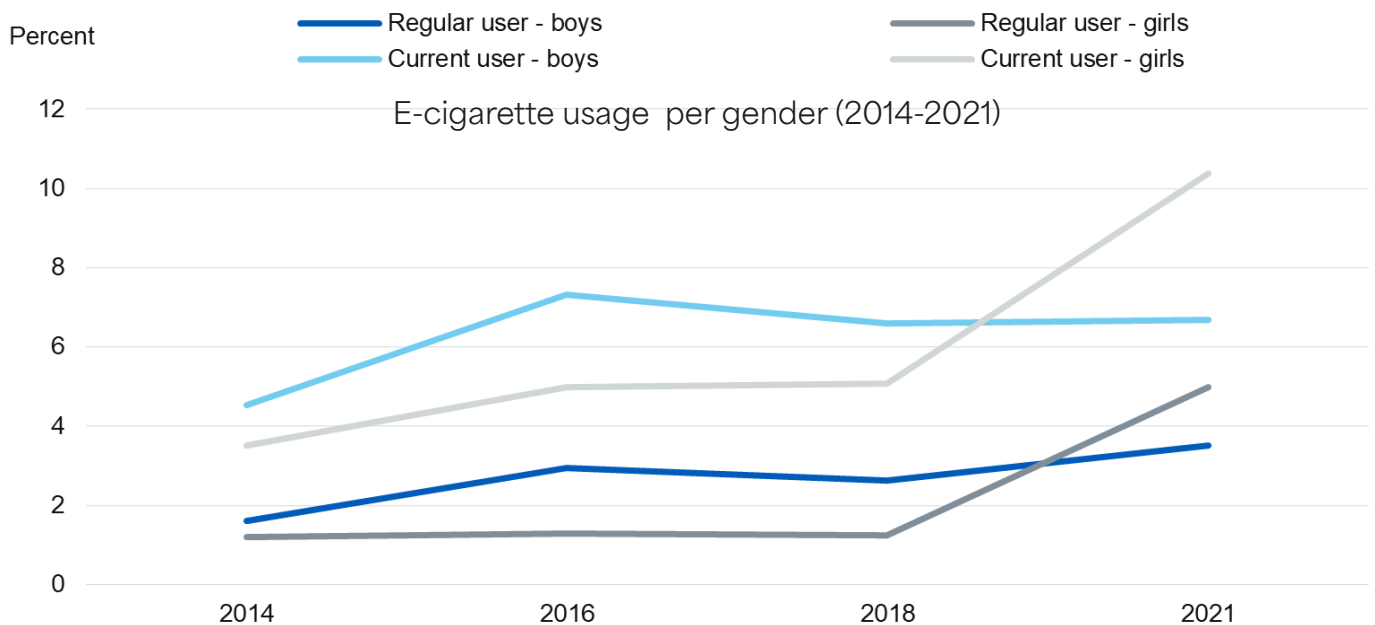


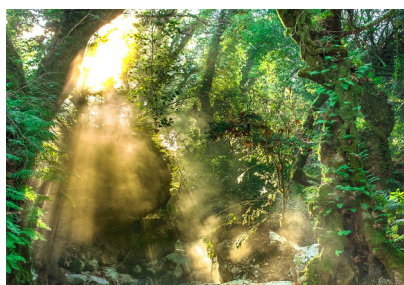
Vaping **How is it affecting young people?**



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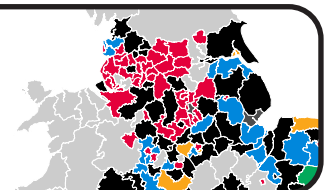
Why are so many young people attracted to vapes and e-cigarettes? And what are the long-term health effects of nicotine addiction in children? Our article on page 6 explains all this and informs you on the effect of vaping.

Earth Day: Let's protect our planet



Earth Day took place on the 22nd of April, and with climate change, pollution, and declining biodiversity in our natural ecosystems. How can we protect our planet, all this and more explained on page 4.

Local Elections 2023: Who's your representative? - pg 12



Contents

- 3 Bulletin Board
- 4 Earth Day
- 6 Vaping
- 8 Lesbian Visibility
- 11 Strike Followup
- 12 Local Elections
- 14 Ramadan
- 15 LAMDA
- 16 Local Sports
- 18 Science Column
- 20 Comfort Corner
- 21 Productivity Page
- 22 Reader Submissions
- 24 Open Days
- 25 News in a Nutshell

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Bulletin Board

Extracurricular Activities

Monday

Badminton LNH/DIS
Y9-11 Football AW
Thai Boxing* MWE

Tuesday

Basketball MWE/BC
Y7-8 Football MXB

Wednesday

Dodgeball MWE/BC
Badminton MXB
Y9-11 Football AW

Thursday

Table Tennis BC/MXB
Y7-8 Football MWE/LSC
Y7 Football* MWE

Friday

Basketball MWE/MXB
Boccia LNH
Y9-11 Football AW
GCSE Trampoline Prep* DIS/LNH

* Afterschool

More details on page 17

Upcoming Dates

June

5th - School reopens
19th - Y12 Exams start
26th - Y10 Exams start, 6th Form Induction
27th - 6th Form Induction, LAMDA Performance
29th - Y11 Prom

July

3rd- INSET day	11th - 14th - French Trip
6th- Y6 Induction Day	14th - Emily Barker Day
7th - Y6 Induction Day	18th - Sports Day
10th - Music Performance Evening	21st - School closes at 12:30pm for the Summer
11th - Music Performance Evening	

Information for exam-taking students this year on Page 20-21

- Revision apps
- Exam stress
- Tutoring and study



Shout-out! to Steve Brunt

The DT department wants to thank Mr Brunt and his company Plyvans Limited for donating plywood to them and making a difference in providing exam years with experience using the laser cutter.

Open Days Go to page 24 to find listed dates

Earth Day

Apr 22nd



What is it?

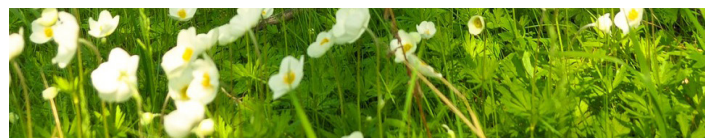
Earth Day is celebrated to raise awareness of climate change and educate people on how to protect the planet. It is celebrated globally on April 22nd. The first Earth Day was celebrated in 1970, in the United States. Until that point, most people were unaware of the environmental issues and threats to human health facing us. Today, Earth Day is celebrated by over a billion people and is a day for action and fighting for change.



Jackson Baker

Why is it important?

Earth Day is a chance to highlight the issues facing us as a planet. Some of these issues include using up non-renewable and unsustainable resources; deforestation; littering and plastic pollution harming wildlife; and climate change. Non-renewable resources are limited in their supply and are therefore unsustainable. This means that they will eventually run out, we should aim to limit our use of these where we can, to ensure that they last for future generations. Deforestation largely occurs around the Amazon rainforest; this is where masses of trees are cut down or burnt to make room for other things such as for housing or cattle ranches. This means that wildlife loses its habitat and undiscovered species of plants and animals may be wiped out, especially if it is burnt down. Littering and plastic pollution can harm wildlife, as animals may get wrapped up in or ingest litter. Most plastics take years to break down into the Earth, making littering a long-term issue.



What is sustainability?

Sustainability is when something meets the needs of the present population and still can be used by future generations. We can be more sustainable by reusing, reducing, repairing, and recycling. We can reduce our waste by buying products with less packaging or by reducing the need to use non-renewable materials as often. Reusing and upcycling is becoming more popular, especially present on social media with “life hacks.” Many products can be upcycled at home to turn into a secondary product that can be used again (for example milk bottles can be turned into starter plant pots). Many people have tended towards repairing (or attempting to repair) more expensive products, this should be done with care and a professional may need to be called. Products and packaging are tending to be more easily recyclable and have clear labels upon them on how to do so.

Buying and selling previously owned clothes is becoming increasingly popular, especially with the effects of social media. This helps the environment as clothes can be given a new lease of life. By reselling or donating clothes, you give them a longer life span. This will therefore reduce the number of textiles going to landfill every year. As people are reselling clothes more, companies will reduce the amount of a product they make so less wastage will occur.

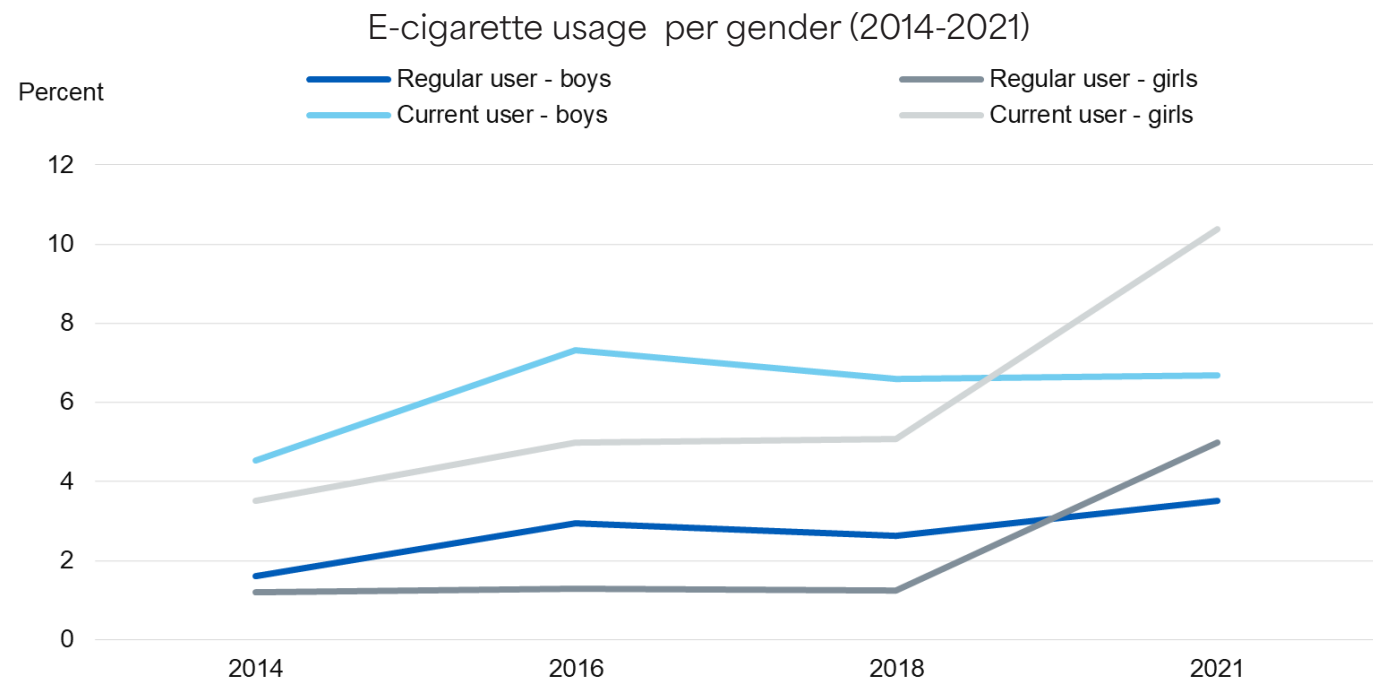


What can we do?

Many people choose to donate to charities for Earth Day; however, this is not necessary, you can still get involved without spending any (or little) money. One way you can do this is by changing things that we already do. For example, we can check to see if products are recyclable before throwing them away. A communal litter-pick can also be organised to help the local area. We can also try to lower our carbon-footprint by eating more locally grown foods and travelling on public transport or car-sharing where we can.

VAPING

How is it affecting young people?



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Why are they attractive?

Electronic nicotine dispensing systems (ENDS) or what is more commonly known as e-cigarettes are now becoming far more popular over the years since when they were made in 2003. Trends of vaping among young people have exponentially increased between children as young as 11-17 in 2022 with 52% having used disposable vaping products, a rapid increase from the 7.7% in 2021 and the 6.9% in 2020 (ASH survey, GOV.UK). One contributing factor of this massive increase could be the marketing towards children by using the limitless flavours of fruits and unimaginable tastes to increase sales and consumption of this product. This idea of unlimited choice and having to try all these flavours almost create a collectability of vaping, almost like with

Pokémon cards for example, making them extremely attractive to the young teenage mind. Not only that, but the convenience that they hold having a pleasant smell afterwards, a small puff to continue the nicotine addiction, and the easily disposable factor all combine to create a perfect path for rapid increase in vaping in young people, affecting them.

How they harm

Unless ... are they damaging the childlike mind? Unfortunately, little is known about the effects of vaping on the immune system, but one major chemical we are all aware of in this product is nicotine. Nicotine is an addictive chemical that can cause

serious health problems such as increase in blood pressure and hardening of the arterial walls, leading to heart attacks and lung problems. It is assumed that vapes are better than traditional cigarettes, but that does not mean they are safe. Despite the fear and education behind smoking cigarettes, vaping can still lead to asthma, lung scarring, organ damage, addiction, and explosion (batteries of the vaping devices exploding causes injury), and many more according to the Cleveland Clinic. Even the flavouring in E-cigarettes is linked to serious lung disease (Centers of Disease Control and Prevention). Not only that, around 14 puffs of a vape would be equal to one cigarette while the average vaper has around 130 – 160 puffs, making that equal to around smoking 10 cigarettes per day! (IndeJuice)

Has social media increased the fluctuation of young people starting to vape now? Or is it another reason? Unlike cigarettes or tobacco, vapes are not hidden away behind the counter of adult supervision and is always in full display to anyone walking by. Vape products also do not have the extremely grotesque images or scientific facts on the package to try and steer people away from what they could look like if they continue smoking, but due to the insufficient evidence for vaping, it is not present so even less people are aware of the dangers and effects.

Origin of e-cigs

Why were vapes even created? Did the creator anticipate the exponential number of young teens consuming and inhaling these chemicals? Well, Hon Lik developed the first E-cigarette to administer nicotine without the abundance of harmful chemicals found in tobacco, despite this they are extremely harmful but still better than normal cigarettes making this the reason for



their development. Heavy smokers of tobacco and traditional cigarettes have significant side effects of smoking on their body, health, and offspring, so using vapes is a far better alternative in comparison to what they were inhaling before. According to a 2021 review, those who used E-cigarettes as well as an expert face-to-face support can be twice as likely to succeed in quitting smoking, managing nicotine cravings (NHS). This should help ween them off cigarettes as they replace the toxic chemicals with less dangerous ones, slowly moving to no cigarettes at all. However, we have seen that this has not been the case.

Prevention

Like with anything, education and advertisement are incredibly important for worldwide problems like vaping, and it all starts with seriously educating children as young in primary school, with programs like DARE – Drugs Abuse Resistance Education. Changes into advertisements can also be effective. Similar to the packaging to cigarettes and tobacco, having grotesque images rather than the ideal fruits or images of the flavours involved can have an impact and will hopefully have people second-guess on whether they should continue to poison their body. This should help ween them off cigarettes as they replace the toxic chemicals with less dangerous ones, slowly moving to no cigarettes at all.

Lesbian Visibility Week



Lesbian Visibility week is celebrated on April 24th to April 30th this year. But what does this entail? In this article, we will be giving you a rundown of the origins of lesbianism and its history, examples of lesbian celebrities and media representation, as well as past news stories and serious topics regarding queer women.

What does lesbian mean?

The word 'lesbian' originates from the name of the Greek island of Lesbos where the Greek poet, Sappho, was born. She often wrote poetry that included queer themes and has been a staple individual in shaping the LGBT community through her literature. Being a lesbian means you are a woman sexually and/or romantically attracted exclusively to other women. The umbrella term 'sapphic' is also another label that can be used: it just refers to someone who is not a man who loves someone else that is not another man, i.e., "non-man loving non-man" and is sometimes used for individuals under the non-binary or fem-aligned* gender expression spectrum. Then again, this does not mean that every lesbian must look feminine! A misconception that people, especially those of the older generation, is that there must be a "man" and a "woman" role in gay relationships, which completely defeats the purpose of same-sex attraction. There is no defined set of rules for what you need to do or look like to be gay. The way you look, and your gender are separate. Therefore, you do not have to be masculine, nor feminine, to be a lesbian: it is about loving someone of the same gender.

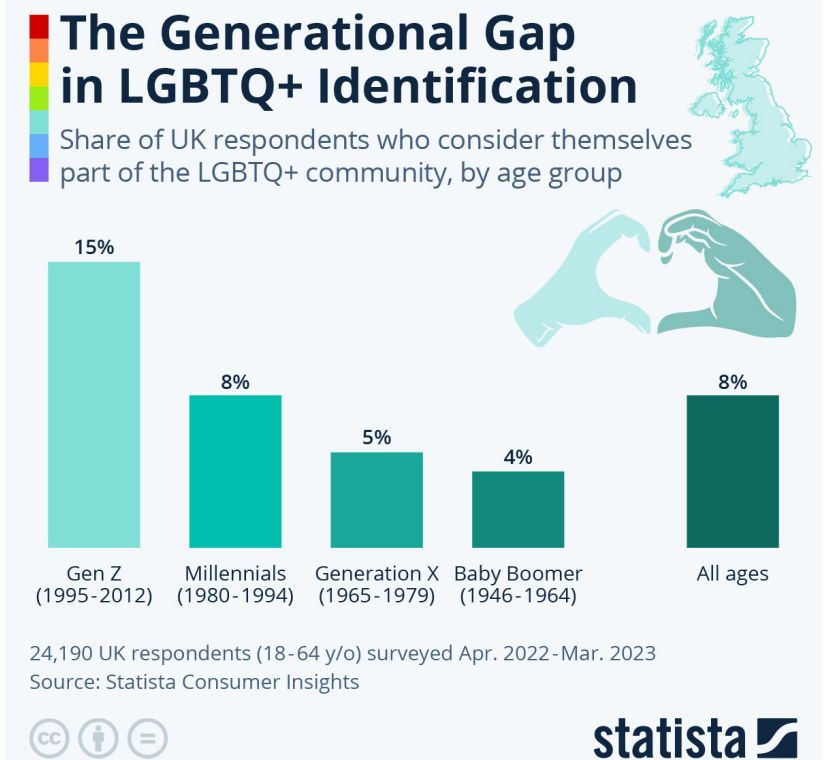
Lesbians and Queer History

Queer history dates back since the beginning of time. The first mention of lesbianism was in 'The Code of Hammurabi,' a Babylonian code of laws from 1700BC which allowed women to marry each other. It is shocking to think how much society reverted when they criminalised gay people a couple of centuries down the line! That aside though, the most crucial event that drew attention to the LGBT community was the Stonewall riots in 1969. Transgender women and lesbians were the leading protesters in these riots, often facing abuse and arrest. These heroic individuals paved the way for LGBT political activism, and lead to numerous gay rights organisations such as the Gay Liberation Front, Human Rights Campaign, GLAAD (Gay and Lesbian Alliance Against Defamation), and PFLAG (Parents, Families and Friends of Lesbians and Gays). Since then, several protection laws and rights have been passed. The UK legalised same-sex marriage in 2014 – only 9 years ago! The sexual orientation protection act was proposed in 2010, and the adoption of children into same-sex parent families was passed in 2005. Without these laws in place, queer people would not have been able to live truthfully and freely, so we must thank our queer siblings for all the pain and struggle they suffered through to allow the LGBTQ+ community to flourish in the modern day.

* = Someone who presents as feminine or holds feminine traits regardless of their gender identity.

Issues Lesbians face

From bullying, to targeted hate crimes – the LGBTQ+ community goes through it all. As disappointing as it is, some things in the world never change, and so do some people's thoughts on the lives of queer folk. For instance, Melania Geymonat and her partner Chris were the targets of a homophobic attack after refusing to kiss on a bus. In June 2019, the two women were on the top deck of a London night bus as they were travelling to Camden Town when a group of young men harassed the couple, asking them to kiss and making sexual gestures. Geymonat and her partner were taken to the hospital for treatment for their facial injuries, but thankfully were discharged shortly after. However, the boys' behaviour is not uncommon due to the objectification of women in society, meaning that lesbians are looked at from a sexual perspective and objects of desire, rather than allowing women to love each other.



Nonetheless, a more positive discovery has been made by the Stonewall charity. This year, they published an extensive survey to explore the reality of LGBTQ+ women or non-binary people in the present day. They found that "73% of respondents felt that they were able to be open with their friends and acquaintances about their identity", which is a huge step forward into societal progression as well as self-acceptance. However, it still comes to show that there is always progress to be made to provide women and gender non-conforming people with the ability to be confident in their own skin.

Lesbians in the media

Within celebrities and sportspeople, it is highly common for them to feel restricted on revealing their true identities, which is why representation in media is so incredibly important in aiding a more accepting world.

Most know about Ellen DeGeneres, Jojo Siwa, and Catra from She-Ra and the Princess of Power, but who else are some underappreciated queer women that shape the community?

Let us start off with a bang: Miss Argentina and Miss Puerto Rico. Mariana Varela (Miss Universe Argentina 2019) and Fabiola Valentin (Miss Grand

Puerto Rico 2020) met at the 2020 Miss Grand International competition in Thailand where they went off to form a two-year long relationship before getting married this year. Who would have thought! These two continue to share sweet and love-affirming photos of them together on their social media pages and have become a pedestal for queer representation amongst popular media, especially in such a heteronormative industry like beauty pageants and competitions. Alongside the couple, a well-known face amongst the British public, especially those who tuned in to watch the Great British Bake Off, is Sue Perkins. After being outed as a lesbian during I'm a Celebrity... Get Me Out of Here! in 2002, she proceeded to mention that "being a lesbian is only about the 47th most interesting thing about me" – a simple statement in response to something that would be considered world-crushing.

Now here is one for the those who grew up with Scooby-Doo. The fan favourite character, Velma, was revealed to be a lesbian after the release of the recent film, Trick or Treat Scooby-Doo!. James Gunn, the writer of the early live-action films tweeted that he tried to make Velma a lesbian in the movies, mentioning that "In 2001 Velma was explicitly gay in my initial script... But the studio just kept watering

it down & watering it down, becoming ambiguous, then nothing & finally having a boyfriend." Which is a prime example of how queer censorship is weaved into media, and how gay characters were seen to be something to steer away from public attention. By having queer people being represented in media, it allows children to understand what kinds of individuals they could come across in the future, or even pave way for their own self-discovery, and is exactly why popular characters like Velma do not go unappreciated in the LGBTQ+ community. After years of not understanding yourself, you can finally see somebody who is like you be on the big screen, for millions of people to see and form an understanding of what it truly means to be queer.

So, how are you going to show your support for the lesbian community? Well, there are plenty of charities that you can donate to, most popularly is the Stonewall charity, as well as heading to social media to see what queer women have to say. And if you know any sapphics or lesbians, let them know that you appreciate them and that their identity is something that should be embraced – it is how they love after all.



Strikes

Follow up:



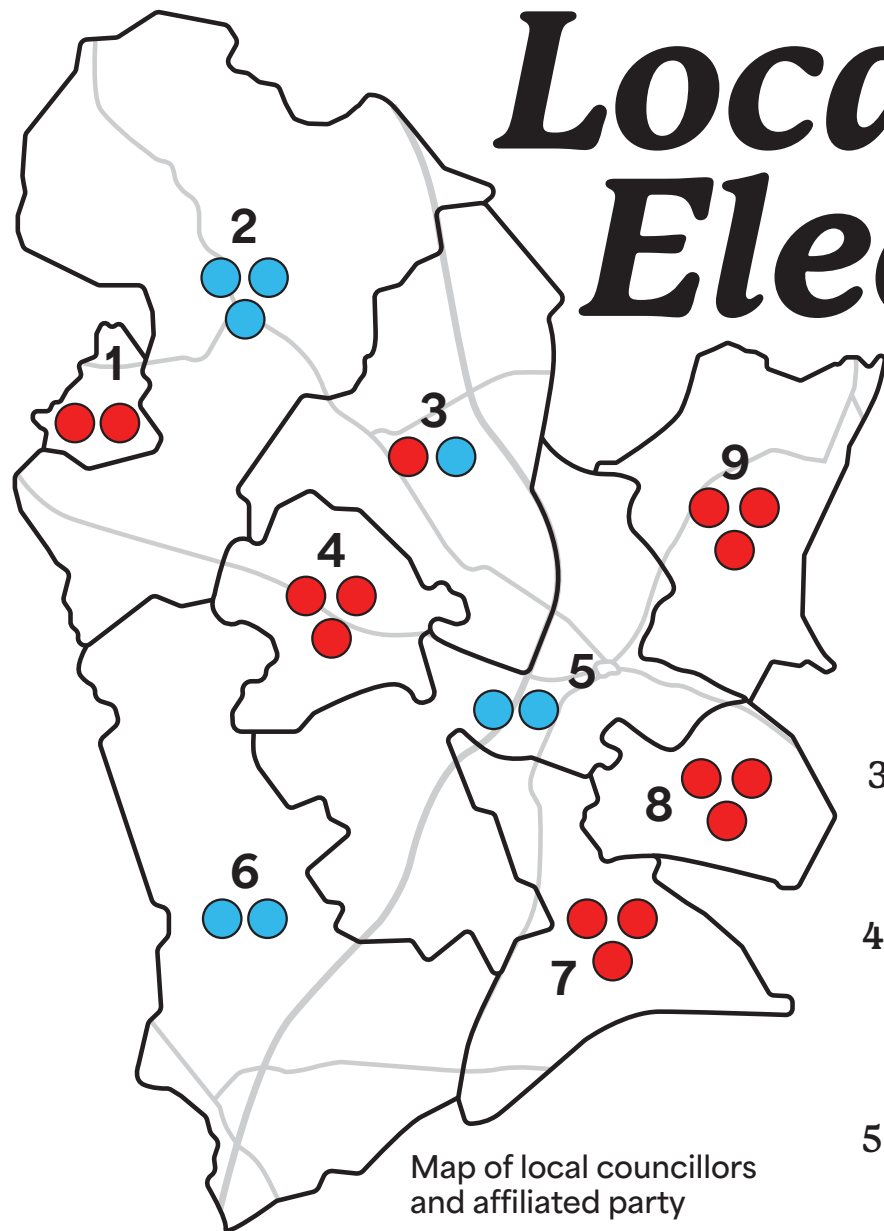
This half term has once again seen our school rocked by the impact of teacher strikes. Two days of learning have been missed for most students – these being the 27th of April and the 2nd of May. But with the hours of missed learning now stacking up, when and how will the strikes cease?

The strikes are seen as a last resort by teachers. National Education Union (NEU) members are striking in pursuit of an above inflation pay rise, funded by the government rather than out of existing school budgets. The value of teachers' salaries has fallen over the past decade, resulting in a recruitment and retention crisis in schools. According to the Institute for Fiscal Studies, senior teachers have experienced 13% real term drop in salaries between 2010 and 2022, equivalent to a £6,600 pay cut, but the unions argue this figure is as high as 23%. The government announced last summer that most teachers would receive a pay rise of about 5%, with starting salaries up by 8.9%, but with inflation in double digits, NEU members have seen the offer as inadequate and voted for strike action. However, it would be wrong to dismiss the strikes as purely for financial reasons. Stagnated funding and skyrocketing expectations have resulted in a massively increased workload for teachers – with a recent survey

finding teachers work an average of 54 hours per week, and less than half of this time is spent teaching. The lack of pay and growth of expectations has resulted in a recruitment crisis, highlighted by the number of teacher applications falling to 39,000 in 2022 compared with 2021's 43,000. These overlapping struggles have led to an inevitable burden on the education system, and for many teachers strikes have become the only way they can see this ending.

There is no further action scheduled for this academic year, and any future strikes would potentially occur in the autumn term. However, unions have insisted further strike action remains their biggest bargaining power in securing a better pay deal for teachers, which they claim would help tackle the recruitment and retention crisis. Two teachers' unions have opened new ballots for strike action after rejecting the Government's recent pay offer. Members of the National Association of Head Teachers (NAHT) and the NEU rejected the pay and working conditions offer, and ballots for members to vote on industrial action opened in May and close late July (the NEU had to do this as their current strike mandate expires July 13th). This will decide whether there are any more strike days in Britain's schools. However, any future strikes could potentially involve multiple unions if their future ballots are successful. Co-ordinated industrial action by all four teaching unions would be likely to cause most schools across England to close, with the unions representing more than 400,000 teachers in total – including headteachers, deputy heads, academy trust chiefs and substitute teachers. It means almost nine million primary and secondary school pupils in England could face another year of disrupted learning, following two years of remote teaching during the pandemic and on-off strikes over the past academic year. This is certainly not the desired outcome for anyone, and therefore must have the cooperation of all parties involved to come to a mutually agreeable resolution.

Local Elections



1. Eastwood Hilltop
- Milan Radulovic
- Susan Ann Bagshaw
2. Greasley
- Mick Brown
- Hannah Louise Crosby
- Adam William George
- Albert Stockwell
3. Watnall and Nuthall West
- Jill Owen
- Peter James Bales
4. Kimberley
- Andy Cooper
- Chris Carr
- William Mee
5. Nuthall East and Strelley
- Philip John Owen
- Graham Stewart Hills

6. Awwsworth, Cossall and Trowell

- Don Pringle
- Lydia Antoinette Ball

7. Bilborough

- Sam Harris
- Helen Louise Kalsi
- Faith Gakanje-Ajala

8. Aspley

- Graham Ransley Chapman
- Carol Williams McCulloch
- Patience Uloma Ifediora

9. Bulwell

- Ethan Benjamin Radford
- Maria Joannou
- Michael David Savage

LAB

CON

LIB

GRE

IND

	Broxtowe	Nottingham
LAB	44%	62%
CON	28%	15%
LIB	18%	5%
GRE	4%	6%
IND	5%	11%

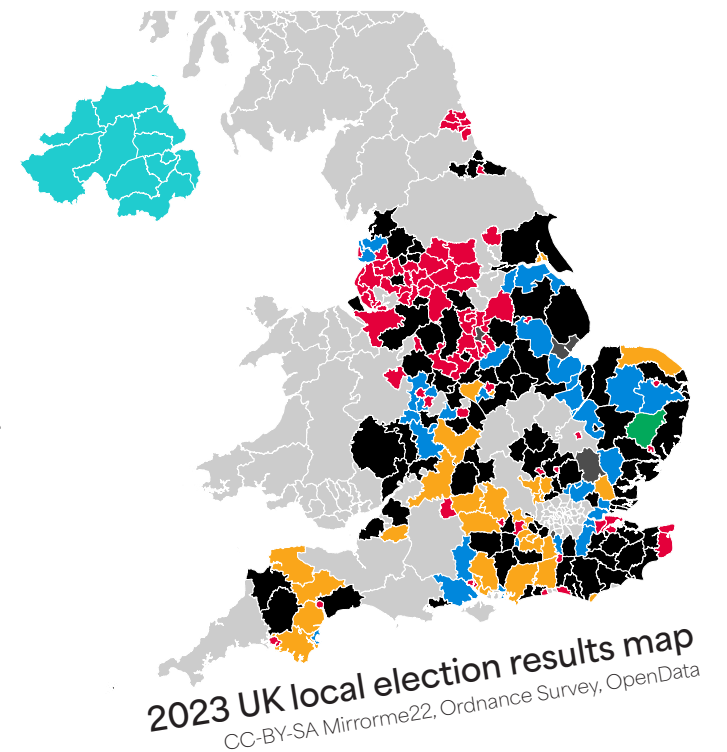
Vote shares may not add up 100% due to rounding

This local election has seen major political change across the country and in our constituencies. Overnight between May 4th and 5th we saw 48 formerly Conservative councils lose their majorities and go to 'No overall control' (where no party has a majority of councillors), Labour, and Liberal Democrats. There was even the first majority Green party council in Mid Suffolk. Some election experts and predictions from analysis of these results project a larger percentage of votes to shift from the Conservatives to opposition parties. Although some Labour councils such as those in Leicester City and Slough have seen them lose control of 22 and 16 councillors respectively.

In Broxtowe, Erewash, and Amber Valley Labour gained control from formerly Conservative voting regions with the expectation that constituencies that switched to Conservatives in the 2019 general election to switch back in the next which is scheduled for no later than the 28th of January 2025.

I contacted two of the elected councillors for the Kimberley ward and asked them about what they wish to do with their new position to benefit the local area. Councillor Chris Carr is proud to represent Kimberley and be part of a council "on track to be carbon-neutral by 2027". He wants to "make the most of the levelling-up money" ensuring upkeep of sports facilities, including planned development of new sports fields and cycle routes to connect Kimberley to Phoenix Park. Councillor Will Mee has said "one of the most important things to [him]... is to give young people a voice", wishing to reassemble Broxtowe Youth Council, and bring back Youth

Kimberley Column does not endorse or promote any political party, and writes purely on the basis of providing students with knowledge and information in provided articles.



Mayors in order to increase youth participation. He will also be pushing for a tram extension, and Robin Hood zone extension into Kimberley to "improve local mobility". Both councillors represent the Kimberley ward as Labour. The Green party also made a statement for this paper; they now have "737 councillors – more than [they] have ever had before". Gaining 200 seats in this local election, they doubled their seats in total over the councils that were voting this year. Previous campaigns in Kimberley have involved challenging developers for greener, insulated homes. The Liberal Democrats have campaigned on preventing sewage being dumped into the River Erewash and believe in "equality of opportunity" for all. Above all else they pride themselves as community champions. We did contact the Conservative party a but we did not receive a statement or interview for the publication of this paper.

RAMADAN



Ramadan is a period where Muslims all around the world fast and spiritually grow. During this Holy month, Muslims will fast from sunrise to sunset and during the day will pray, read the Quran (the Holy book of Islam) and carry out day to day tasks. This is up to the time of sunset, which is when Muslims are allowed the break their fast with a date, a glass of water and food they have prepared. During Ramadan, Muslims work to become closer to Allah, creating a stronger relationship with him, as well as developing their spiritual growth. Muslims believe the Quran was first revealed to Muhammad (SAW) and this is the time when divine rewards are believed to be multiplied.

During the day, Muslims do not eat, drink or listen to music, along with other activities, from sunrise to sunset. By abstaining from things that people may take for granted such as water, Muslims can reflect on life. Many allow themselves to get a feeling of poverty and feel empathy towards those who are less fortunate than them. By doing so, many Muslims volunteer, give to charity and give their time at shelters and soup kitchens to help those in need. During this, Muslims thank Allah for the life he has given them and the ease he has brought.

By fasting over a long period of time, Muslims aim to foster certain attitudes and values that they can implement everyday throughout the year. Muslims don't only gain positive values, but also a healthier mindset, closer relationship to God and spiritual growth.

Some Muslims are exempt from fasting such as those who are physically limited, due to old age, illness, travelling long distances, women who are pregnant, etc. Only those who are physically well and strong can fast, ensuring no further damage or pain is caused. Muslims make up for the days they have missed later, or those who are financially stable provide meals to people who are in need as an alternative cause of action.

The end of Ramadan marks one of the biggest two major Islamic holidays; Eid-Al-Fatir (the festival of the breaking of the fast). This is a very joyous and special day for Muslims as everyone gets together and celebrates. On this day, many Muslims will attend religious service, visit relatives, friends, exchange gifts and play games and having fun. This celebration brings everyone together as one and unites all Muslims around the world.

LAMDA 2023



Recently, some of the students at Kimberley School have partaken in creating and performing pieces of theatre for the LAMDA exams. Students have worked tirelessly to produce performances which delve into characterisation and develop strong public speaking skills. The recent results were the most successful the school have had, with many students gaining distinctions. The students also completed 2 public performances last term which parents attended. Mr Howes said that for many of the students, this was the first time they had performed in front of a live audience, that they would either not done performances or practiced drama in a long time, especially under exam pressures, but coped impeccably well.

The London Academy of Music and Dramatic Arts has been around for over 125 years and allows student across the country to build their confidence in their abilities and inspire them to be creative. This opportunity allows students to understand the stage space and the pressures of drama and performance, with many distinctive styles explored such as musical theatre and solo, duologue and group projects. On an exam day, the examiner would ring the bell and the students would be called in to be assessed, with several being interviewed afterwards, discussing character and plot lines as part of their assessment criteria. LAMDA exams at the top end of assessment contribute to UCAS points, Mr. Howes aims for the club to resume for all year groups in June.

Football

The Reds survive with a brilliant three games to end the season and secure their place in the top flight into next season. This was achieved by a victory over Southampton at home in a thrilling 4-3 win, then going on to draw away at Stamford Bridge (home to Chelsea) with a score of 2-2. Then in their final home game of the season, against second place Arsenal, they ground out a 1-0 win with a magnificent display from the whole team, working together right until the final whistle. In these games, striker Taiwo Awoniyi scored 5 in 3 with brilliance in midfield from

Morgan Gibbs-white and Danilo. Forest remains in the Premier League and

will look forward to even more Premier League games next season. At Notts County, they managed to secure promotion back into the football league. After being heartbroken not to get automatic promotion, they were into the lottery (which is the playoffs), having to play Boreham Wood in the semi-final. Towards the start of the first half, Notts had plenty of chances which they struggled to convert. Then as the first half came to an end, Boreham Wood scored twice in quick succession, but County refused to give up with a fantastic start to the second half; Baldwin scored a brilliant goal from 35 yards out.

After that, as hard as they tried, they just didn't seem like scoring. Until in the 97th minute, with 9 seconds left on the clock, Jodi Jones whips the ball in. Baldwin gets involved again and he headed it in and sent Meadow Lane wild. To conclude the game, in the 119th minute, Jodi Jones fires a shot from the left-hand side, straight past the goalkeeper and into the roof of the net, sending County to Wembley.

Notts were one game away from their return to the football League and they had to play Chesterfield at Wembley. After a wild first 5 minutes, they were 1-0 down after conceding a penalty. They left it late again, being 1-0 down heading into the final 10 minutes of the game, until a free kick from John Bostock went through the keeper's gloves and into the back of the net to make them level. It was a good start after the break from Chesterfield, making it 2-1, then early in the second half of extra time, Ruben Rodrigues scored a volley to level the score once again. It had gone to penalties after two brilliant saves by

SPORTS

Notts County's keeper. Scott who stepped up to take the penalty, took it calmly and slotted it away and that was it, County had done it. They are back in the football league.

Students

Year 10 Kaine Priestley is taking part in a mixed martial arts competition at Kirkby Leisure Centre on June 3rd as part of Ring Warriors New Era IV, Revolution Elite Combat Championships.



Extracurricular Activities

1 - Gym

- Monday:** Thai Boxing* (MWE), limited to 26
- Wednesday:** Dodgeball (BC/LNH)
- Thursday:** Table Tennis (BC/MXB)
- Friday:** Boccia (LSC)

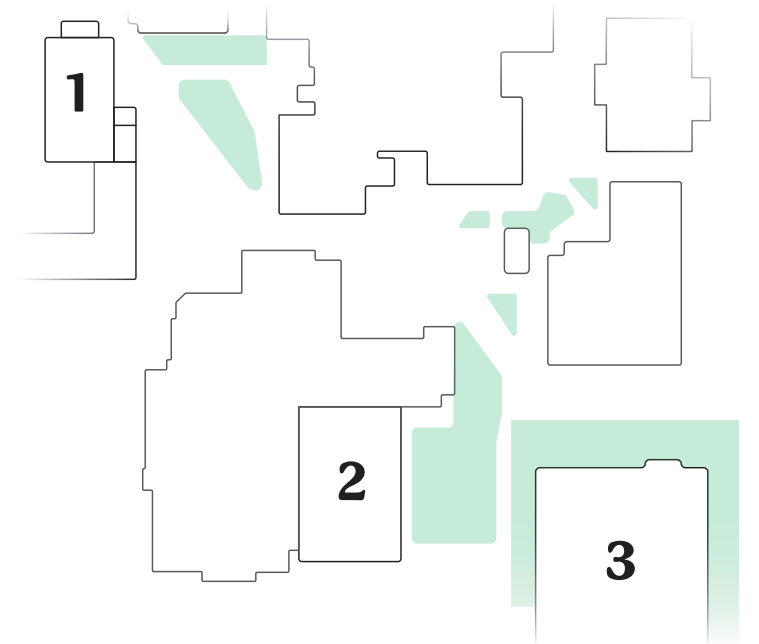
2 - Sports Hall

- Monday:** Badminton (DIS/LNH)
- Tuesday:** Basketball (BC/MWE)
- Wednesday:** Badminton (BC/MXB)
- Friday:** Basketball (MWE/MXB), GCSE Trampolining* (LNH/DIS)

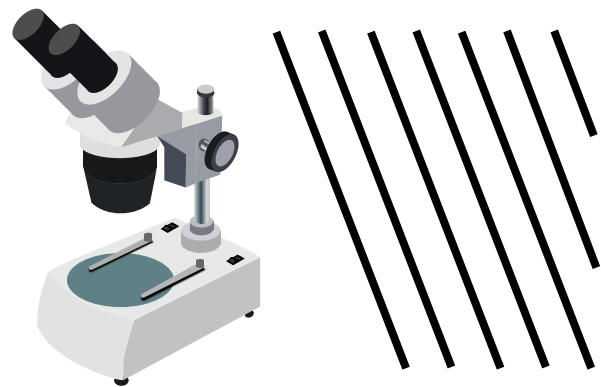
3 - Astro Pitches

- Monday:** Year 9-11 Football (AW)
- Tuesday:** Year 7-8 Football (MXB)
- Wednesday:** Year 9-11 Football (AW)
- Thursday:** Year 7-8 Football (MWE/LSC)
Year 7 Football* (MWE)
- Friday:** Year 9-11 Football (AW)

Lunchtime (12:30 - 13:00)
* = Afterschool (3:30-4:15/30)

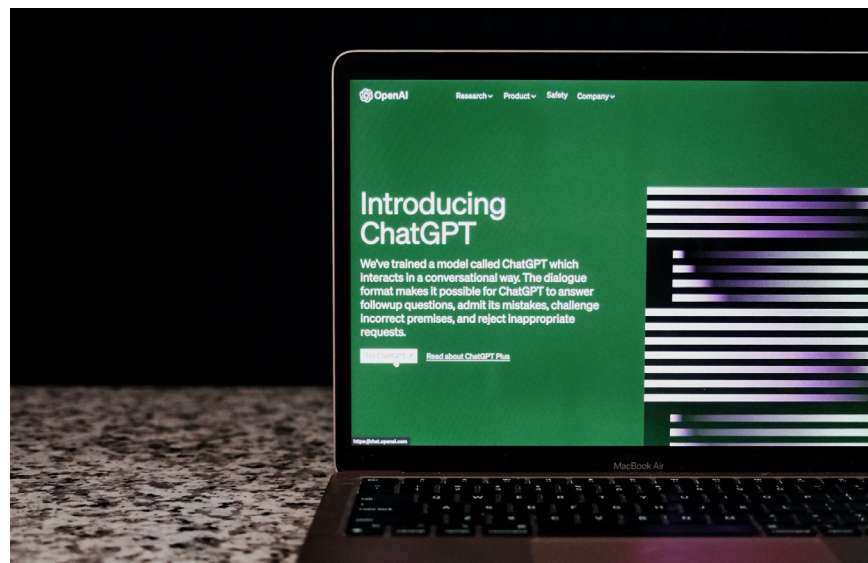


Science Column



What's with ChatGPT? Is it helpful or harmful?

Artificial Intelligence (or AI) has become increasingly popular over the past year, with multiple companies making their own versions of AI chatbots which can draft essays, answer questions, describe images, and more; ChatGPT is one of these and has been central to a heated debate between its creators and the government.



In basics, artificial intelligence chatbots such as ChatGPT feed lots of information from across the globe into a machine, this machine can rewrite, add, and adapt its code to interactions it receives alongside the information it has already been provided. Large language models (LLMs) are the name given to neural networks (brain-like networks of computers) that have billions of variables of which they gather and learn from. This allows AI to give quick, complex, responsive interactions with humans in real time with less inaccurate or nonsensical information.

Having many applications bigger than a chatbot, it is thought that in the future, AI could streamline manufacturing, agriculture, scientific research, and everyday life, although there is an ethical consideration of the jobs lost by replacement with technology and a loss of human interaction in these careers.

Sam Altman CEO of OpenAI; the creators of ChatGPT have been calling on the government to regulate the AI industry, with a recent meeting with US Congress highlighting the unpredictability of AI application and the rising issue with advanced AI's misuse for disinformation. Just like previous technology such as deepfakes 'putting words in politician's mouths,' AI could be used to create misinformation that is believable and indistinguishable from the truth. This he argues could pose significant risks to elections with campaigns across social media being used to weaponize false news to manipulate results.

Plants emit ultrasonic sounds when stressed

Plants under stress make ultrasonic sounds which reveal their condition, alerting other plants and insects to a stress they may be experiencing. These can then be detected and decoded by computers to determine what type of stress they are under and in future inform farmers, biologists, and businesses on how best to treat their crops.

Usually when we think about how we know our plants are under stress, it is through changes like wilting, slow growth, or yellowing leaves. Plants have also shown secretion of chemicals that tell other plants something is wrong. However, there has not been enough exploration into the ability of plants to make sounds. The results shown demonstrate that plants will emit remotely detectable and informative airborne sounds under stress, within the ultrasonic range ~20-100kHz which can be identified from a distance from 3 to 5 metres away. Plants will make the most of their noise during the first few days of dehydration, then less so as the plant dries up with the sounds being different from one another. A potential way the plants do this is by cavitation (vapour bubbles being made in areas of low pressure, where liquid has been sped through) in the stem with 3D acoustic (sound) simulations

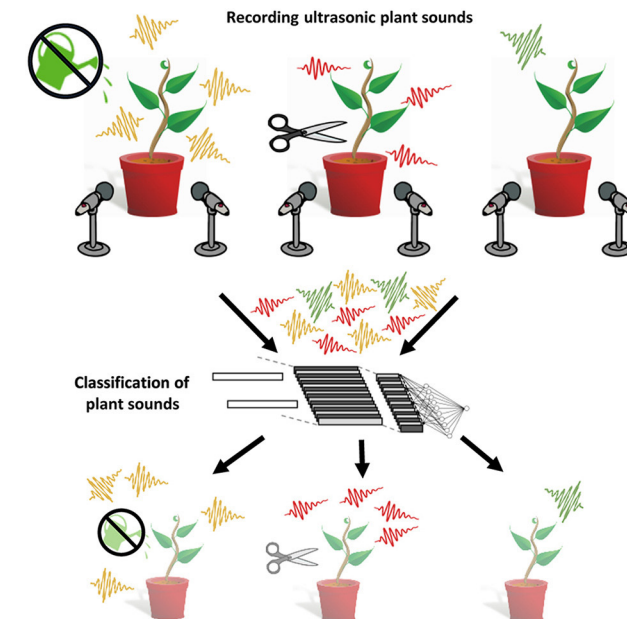
Scientific Journals



Cell

Open access scientific publishing across life, physical, earth, and health sciences

nature Weekly international journal publishing, with peer-reviewed research in all fields.



showing that the sounds would radiate from the stem in all directions.

As mentioned in the introduction, the application of this research can be for monitoring plants such as soil moisture and disease states of crops in a field or greenhouse. With algorithms (complex maths formulae), computers can identify and classify the sounds with 84% accuracy, so we could conclude there may be some animals that have evolved to categorise these sounds as well. Many moths use tomato and tobacco plants as hosts for their larvae (children) and can hear and react to ultrasonic sounds just like those made by the plant. And some plants also respond, indicating a collaboration between plants to adapt to new conditions.

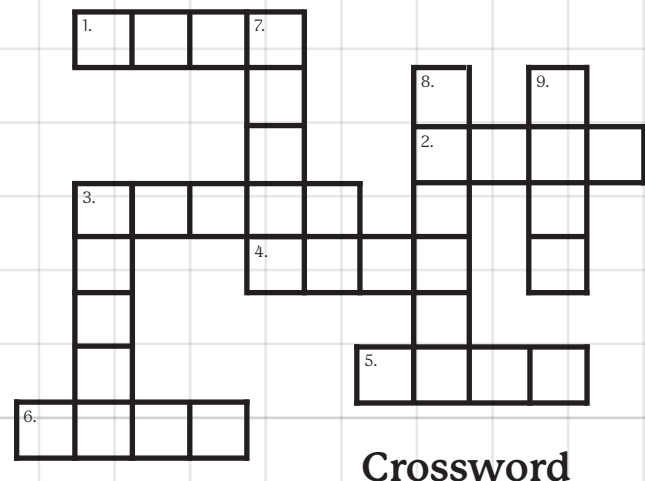
Khait et al., 2023, Cell 186, 1328-1336, CC-BY The Authors



ScienceDirect

Intuitive functionality for users to find full-text research

Need a break?



Crossword

Across

- Has magic ice powers
1. and 4. wanted to build him
- We don't talk about him
- Sister of 1.
- The backbone of the Incredibles wardrobe
- '_' and Stitch

Down

- A young fawn who doesn't speak
- One of Ariel's sisters
- His last name is Duck
- '_' and the Tramp

Last month's issue: Wordsearch



- What was the front page feature?
- What team did Nottingham Panthers lose 4-1 to?
- What was the editor's choice dog's name?
- What animal was drawn in the Y8 artwork?
- What was the article on page 9?
- What month is Transgender Remembrance Day in?
- How many questions were featured in the last crossword?

Need to Talk?



Bullying, Self-harm, exam stress. Share if you need to talk; there's always someone

Beat provides helplines for people of all ages offering support and information about eating disorders. If you or someone close to you has been affected. Talk to someone



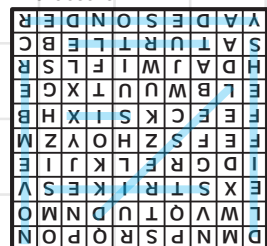
Non-judgemental confidential emotional support 24hrs, 365 days a year

Answers

Crossword

1. Elsa
2. Olaf
3. Bruno
4. Anna
5. Edna
6. Lilo
7. Stitch
8. Donald
9. Lody

Wordsearch



1. Strikes
2. Sheffield
3. Diesel
4. Turtle
5. Red Nose Day
6. November
7. Six



Free, confidential messaging and support via texting 85258



Offers clinical sexual health services (pregnancy, contraception, sex and STIs) as well as education and wellbeing services for young people aged 11-25

What to watch this month

TV Shows

Outerbanks



On an island of have and have-nots, teen John B enlists his three best friends to hunt for a legendary treasure linked to his father's disappearance

Age rating: 15

Wednesday



Smart, sarcastic and a little dead inside, Wednesday Addams investigates a murder spree while making new friends (and foes) at Nevermore Academy.

Age rating: 12

A series of unfortunate events

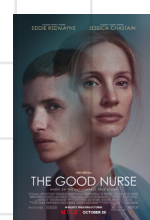


After the loss of their parents in a mysterious fire, the three Baudelaire children face trials and tribulations attempting to uncover dark family secrets.

Age rating: PG

Movies

The Good Nurse



Nurse Amy Loughren is shocked when Charlie Cullen, one of her colleagues, is found responsible for the murder of dozens of patients over a period of 16 years, two states and nine hospitals.

Age rating: 15

Knives Out



Harlan Thrombey, a reputable crime novelist, is found dead after his 85th birthday celebrations. However, as detective Benoit Blanc investigates this case, it unravels a ploy of sinister intentions

Age rating: 12

Little Women



While the March sisters enter the threshold of womanhood, they go through many ups and downs in life and endeavour to make important decisions that can affect their future

Age rating: PG

Productivity Page

Want to be productive?

Productivity! - This month's 5 productivity tasks:

1. Organise your workspace:

Take a look around and tidy up your workspace to help improve your productivity levels.

2. Do some yoga:

Practicing mindfulness calms your mind and leaves you feeling calmer and more productive.

3. Make a productivity playlist:

Make a perfect playlist that will get you in the mood to get things done.

4. Organise your camera roll:

Come on you know you've got 1,984 useless screenshots waiting to be deleted.

5. Write a bucket list:

Write down everything you want to do before you die - it can be a travel bucket list, or a to-learn bucket list too.

Top apps for productivity



Grammarly

Grammarly is an app for your browser and apps that checks your grammar, spelling, plagiarism, and more. Compatible with apps like Microsoft Word, Wordpress and many more.



Study Bunny

Study Bunny is a focusing app that encourages you to put down your phone and focus on your studies alongside a cute bunny. When you need to take a break, Study Bunny will time that out for you.



Exam Countdown

Exam Countdown stores you exam dates in one place and creates unlimited countdowns. The countdown presents in years, days, and even seconds, so there is no chance of missing exams.



Xmind

Xmind is a full-featured mind mapping and brainstorming tool, that helps boost productivity, in which you can create visually rich and useful resources.

The "Do's and Don't's" of the month - revision tips

Do's	Don'ts
Use the time you have and plan how you intend to progress on your work before you deadline. ✓	Leave doing your work right up until the night before deadlines. ✗
Set aside uninterrupted time to help you keep motivated and on top of your work. ✓	Get distracted whilst doing your work - you'll end up running out of time. ✗
Ask you teachers for help, even if you're stuck over the slightest thing, your teachers are always there to help. ✓	Struggle on what to do with your work. ✗

Useful websites

Physics and Maths Tutor

GCSEs to A-Levels there are past papers, summary notes and videos for all core subjects on physics and maths tutor.

Link: www.physicsandmathstutor.com

Save my Exams

A simple website with exam paper questions, all topics, from GCSE to A-Levels.

Link: www.savemyexams.co.uk

Get revising

A great website with a variety of different revision tools including a personalised revision time table feature

Link: www.getrevising.co.uk

Reader Submissions

Pets of the Paper



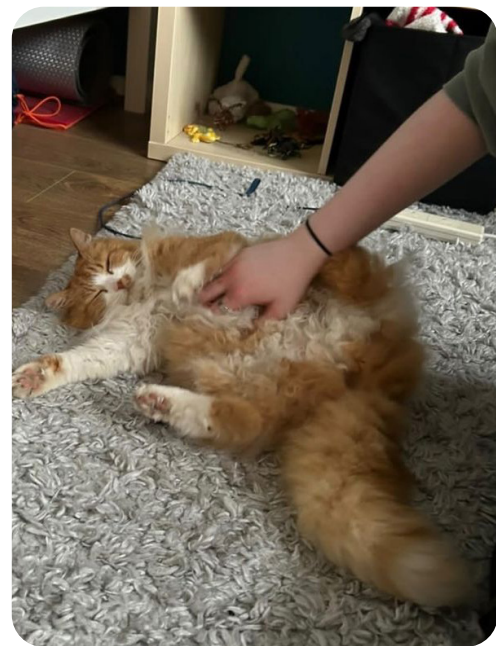
Edna, Erin Hodgson, Year 11

Public Choice



Bobby, Gabriel Hodgson, Year 12

Editor's Choice



Honey, Jordan Morgan, Year 12

Fluffiest



Pig, Megan Crowe, Year 11

Best name

Submit for the next column to @thekimberleycolumn on Instagram

Featured Artwork



Butterfly Linograph Print



Multi-media abstract portrait



3D Dog Collage



3D Collage Snakes - as hair on portrait



Acrylic Portrait

Open Days

31st May - Bangor University

June

1st - Teeside University, Bangor University,

3rd - Brighton and Sussex Medical School, Northern School of Art, University of Sussex

8th - University of Hertfordshire,

10th - University of Hull, Bath Spa University, UWE Bristol, University of Aberdeen, Hartpury University, Staffordshire University, University of Brighton, Middlesex University, MET Film School London

15th - University of Glasgow

16th - University of Bath, University of Leeds, University of Edinburgh, Queen Mary University

17th - University of Leeds, University of Manchester, University of Bath, Warwick University, Queen Mary University, The University of Law, University of South Wales

21st - Manchester Metropolitan University,

23rd - University of Birmingham

24th - University of Birmingham, University of Manchester, Warwick University, The Engineering and Design Institute London, University of Huddersfield, Birmingham City University

28th - Oxford University

29th - Oxford University

30th - University of Nottingham, Nottingham Trent University, Loughborough University, UCL, Cardiff University, University of Gloucestershire

July

1st - Cardiff University, University of Nottingham, UCL, Lancaster University, University of York, Nottingham Trent University, University of Gloucestershire, Loughborough University, De Montfort

2nd - University of York,

6th - LSE, Cambridge University

7th - Cambridge University, Aston University, University of Lincoln

8th - University of Hull, Aberystwyth University, Leeds Trinity University, Kingston University, University of Leicester, University of Lincoln, University of Sheffield, University of Hull

15th - Lancaster University, University of Northampton, The Engineering and Design Institute

Sixth Form/College

15th June - Confetti Institute Open Day

26th + 27th June - Kimberley Sixth Form Induction Days

July - Bilborough College Taster Days (you will have received an email on which day you will have yours if you have applied)

Remember! This is not an exhaustive list, and always check the university/college's website as you may need to book before the event to gain entry.



News in a Nutshell

Quick headlines from across the globe

Humanitarian

- Several people missing including a one year-old after boat capsizes in Malawi
- Cyclone Mocha kills at least 32 in Myanmar
- Conflict in Sudan leads to mass exodus of citizens and foreign nationals
- Mining pit in Ghana collapses, trapping 17

Technology

- Facebook and Instagram owner Meta releases paid verification in UK
- UK blocks Microsoft's Activision deal over competition concerns
- ChatGPT AI creator argues that the industry should be regulated
- Tiktok banned in Montana, setting precedent for more bans

Education

- Scottish government promises to preserve free tuition fees
- Parents and pupils complain over 'hard' SATs reading paper
- Government and universities urged to probe student mental health after suicides
- SEND children being failed in Nottinghamshire according to inspectors.
- Ofsted needs to be abolished argue headteachers after suicide

Politics

United Kingdom

- Tory donor linked to massive money laundering investigation
- Electoral boundaries to change by next general election.
- Conservative turmoil as high level Tories point at top for 'failure'

Global

- Impeachment trial of Ecuadorian president starts
- Same-sex unions recognised but not legalised in Namibia
- Kenya officials sacked after mosquito net scam
- Migrants travel to US border after deportation law expires
- Florida bans universities from 'promoting social activism'
- FDA regulators under legal battle which could undermine drug approval in the US

Entertainment

- Sweden's Loreen wins Eurovision 2023 in Liverpool with her song 'Tattoo'
- BAFTA awards go to Lenny Rush and Claudia Winkleman among others
- Japanese talent agency Johnny and Associates apologise after sex abuse claims against founder
- UK's first gay dating show, I Kissed a Boy starts on BBC Three
- Coronation Concert headliners include Katy Perry, and Take That

The Back Page

The Kimberley Column is a student run newspaper, written by students for students. If you would like to see anything in our next issue please contact us, we would be grateful for your input.

Contact Us!



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kimberleycolumn@gmail.com