



## Millthorpe Library News

### Weekly News to your Library!

# UK workers offered pay rise



After months of protests from a range of workers primarily in the public sector, such as the NHS (picture above), train station workers, teachers and more, the UK Government has offered a pay rise to certain workers of 5-7%. (Read page 2 to find out more and page 5 to find out about the Hollywood actors who are on strike).

## Councils call for vape bans

Vapes are becoming increasingly used in young populations. Many councils around the UK are calling for a ban on disposable vapes by 2024. (Read page 3 to find out more).

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## Issue No.37 17/07/23

By Oliver Lynch, Jared Van Scalkwyk, Will Bruce, Tom Brook, Frank Walker, Freddie Newton, George Moir & William Bradley.



# UK workers offered pay rise

## What was the offer made by the government?

After months of protests from a range of workers primarily in the public sector, such as the NHS (pictures below for more details), firefighters, teachers and more, the UK Government has offered a pay rise to certain workers. The salaries will rise by 5-7% in workers who work for the people. Rishi Sunak said he would not increase taxes to subsidise other workers but has not fully laid out an effective plan to get the money flowing.

## Why were workers protesting?

Around a million workers in the public sector (the part of the economy controlled by the state/government), took part in the biggest industrial action we have seen in over 3 years this year. They were striking and protesting for better pay during the cost of living crisis, better living conditions and pensions. Many companies have recently fired their workforce and employed a new workforce that is payed less, this was the case with P&O ferries earlier this year and caused a lot of anger with workers being thrown out jobless. Across England and Wales in particular, there has been a huge number of marches affecting schools, hospitals and other services. At Millthorpe school, there has been over 7 strike days with multiple year groups being affected. Many workers like the NHS worked and are working strenuous hours of overtime without being payed or compensated equally to the huge UK inflation rates of about 8.7%.

## What pay rises were given to different workers, are they satisfied and will they continue to protests?

- Teachers were given a 6.5% pay rise and are generally quite satisfied with strikes likely ending.
- Junior doctors were given a 6% pay rise however union say that this is not fair for them as they have been working years under inflation above 6%. They are the most unhappy group and will continue to strike with a desired pay rise of 35%.
- GP's, consultants and dentists were gifted a pay rise of 6% but say that this is not enough to bring them back from 'the brink'
- Police officers in England and Wales were offered a pay rise of 7% and have mixed feelings about it as it does not fully address the challenging prices but are happy that it wasn't as bad as rumoured.
- Prison officers in England and Wales have been offered a pay rise of 7% but are quite unsatisfied and will further continue to protest for higher pay.
- Senior civil servants (people who advise politicians and work for the government) were offered a 5.5% pay rise and said that it was "fair and reasonable" but the government has not allocated money to pay for the raises and might cut other things to make the money. This is the same case with junior doctors.
- Armed forces and personnel in the UK were offered a 5% rise and although they aren't legally allowed to strike, they showed their dissatisfaction by many workers literally leaving their jobs. In spite of the small pay rise and fact they aren't paid much anyway. Find out more about this pay rise in our military news page alongside all the things the UK is supplying to Ukraine (page 15).





# Councils call on ban on disposable vapes by 2024



Recently, the use of disposable vapes has increased dramatically among young populations most importantly. These e-cigarettes are designed to be for quitting smoking and reduce the harmful effects of withdrawal from the drug by using a weaker, less dangerous version of it. However, young people and those in the teen age range have been using them recreationally, thinking it's perfectly fine. Not only are these vapes potentially quite dangerous (see bottom paragraph for more information), they are generally left unrecycled by users with 1.3 million of them being thrown away every week in the UK, they cause fires and are advertised/appeal to the wrong audience. Around the world, 4.5 trillion cigarettes are littered every year, making up 35% of all rubbish collected. The e-cigarette market is now worth over £18.5 billion and expected to increase by 30% in the coming 8 years.

Dave Fothergill, the chairmen of welfare in the Local Government Association (LGA), said “Disposable vapes are fundamentally flawed in their design and inherently unsustainable products, meaning an outright ban will prove more effective than attempts to recycle more vapes.” Councils across the UK have called for a ban on disposable vapes by next year in 2024. However, some councils say this could be not entirely a good idea as they are useful alternatives for smokers. A spokeswoman for Chinese vape company ‘Elfbar’ said that they are working on creating a “comprehensive programme” to safeguard and protect children from vapes.

John Dunne, director general of the UK Vaping Industry challenged the councils stating “low price, accessibility and ease of use” of disposable products had helped bring UK smoking rates to an “all-time low”. He added, “The vape industry is working hard to minimise its environmental impact, but this is mainly a consumer education issue about how to dispose of used vapes, which overall are evidenced to be highly recyclable.”

One study showed that a whopping 300 million vapes were sold in the UK alone last year. Many are worried that a ban could create illegal black markets of dangerous vapes. It is unlikely that this ban will come into force as it will face huge backlash from the vape audience but the calls could provoke much more action into making these more environmentally friendly, recyclable and advertised only to those who medically require them. At the moment, studies do not show the harmful effects of vapes particularly well however there has been a vast multitude of cases with people in hospital after large usage of vapes. Some studies show the vapes are 95% better than cigarettes, but the addiction they cause is certainly bad for children. Whilst the impact is much lower than that of cigarettes, those who vaped in a 2019 study were more likely to fall ill to lung diseases than those who did no form of smoking/vaping. Vapes may damage lungs, provoke cancer development, weaken immune systems and delay brain development in children and teenagers.



**Vapes leak nicotine, lithium ion and heating elements into the environment when disposed.**

**It is illegal to buy e-cigarettes under the age of 18. However, vapes are still brightly coloured and flavoured, appealing to children too much.**







# Anxiety among the public as Japan plans to release nuclear waste water

## What is nuclear waste and why is it such a big deal?

Nuclear waste is a radioactive byproduct that accumulates as part of the production process of generating nuclear power, making medicine and decommissioning nuclear weapons or nuclear power plants. Nuclear waste is very dangerous as it releases huge amounts of carcinogenic and poisonous radiation. Furthermore, it is expensive to get rid of contaminated environments for miles around and is also a threat as the waste can be reprocessed into new nuclear weapons which could prove catastrophic if detonated.

## Why is the nuclear waste there and what happened in 2011, Fukushima, Japan?

The nuclear waste is there subsequent to the Fukushima nuclear power plant disaster in March, 2011 over 12 years ago. North of Japan's capital, Tokyo, is the city of Fukushima which contained 2 nuclear power plants. In March 2011, a huge earthquake with a magnitude of 9.0 on the richter scale struck the coast, triggering tsunamis and tremors for miles around. The tsunami wave towered over the sea wall (a type of defence that uses raised rock as a barrier against the sea) and flooded into the nuclear reactors. This caused disaster and radiation leaked out of the plant more and more. Residents were only given a 10 minute warning prior to the tsunami wave. Authorities set up an evacuation zone which slowly increased in size as the radiation spread. 150,000 people were forced to flee their homes and although no one died directly due to the Fukushima disaster, the carcinogenic, poisonous effects of the radiation may have led to an increase in diseases triggered by the disaster, although this is unconfirmed.

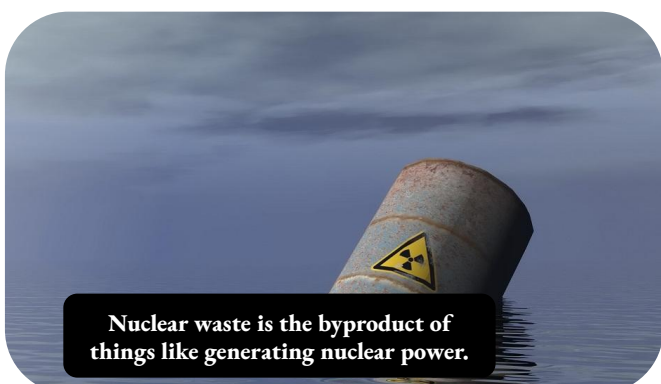
Despite many layers of protection around the reactors the relentless wave caused multiple nuclear reactor meltdowns and hydrogen/chemical explosions. Critics blamed the government for the lack of preparedness in defending the plant of such a wave and this will go down in history as a nuclear disaster alongside the infamous Chernobyl catastrophe in 1986.

## What is going to happen to the waste?

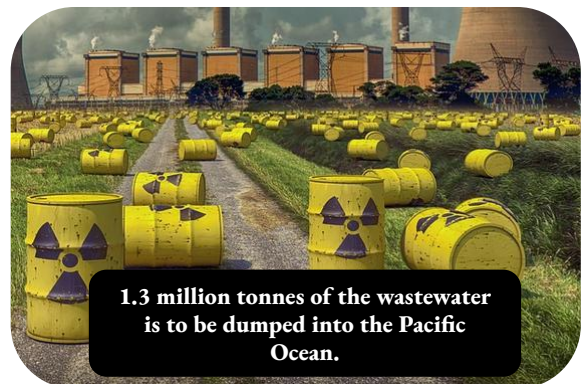
The disaster in 2011 created a huge amount of nuclear waste water (1.3 million tonnes) which has recently been publicly announced will likely be released into the Pacific Ocean. Japanese authorities have treated this water, combining it with other chemicals and processes to bring the radiation levels down to safe drinking levels. Greenpeace opposed this decision first approved 2 years ago in 2021, due to the treated water being deemed unsafe with harmful chemicals that can alter DNA. The NGO (Non-Governmental Organization) added the authorities and government has "once again failed the people of Fukushima".

## How have other Countries responded?

Countries around Japan in particular like South Korea and China have been very angry at the Japanese authorities for making these new plans, saying that it will contaminate the Ocean. At the moment, the haul of water is stored in tanks. China has demanded that its neighbour reaches a fair agreement in terms of getting rid of the waste water. The USA has ultimately also opposed the plan. China has extended a ban on certain foods harvested in Japan with fears that if the water is released, products made in the Ocean will prove dangerous. South Koreans have been panic-buying salt too with some buying kilos of the chemical harvested from the sea. Despite this the UN Nuclear Watchdog says that the plans would 'have a negligible impact on the environment.'



Nuclear waste is the byproduct of things like generating nuclear power.



1.3 million tonnes of the wastewater is to be dumped into the Pacific Ocean.





# Hollywood actors strike



In the last few days writers and Hollywood actors have gone on strike due to factors like pay, working conditions and the industries use of AI. During the strike, actors will not appear in films or even promote movies. Major films in production such as Avatar and Gladiator sequels may be affected by the shutdown.

In a BBC article, Brian Cox, a lead actor on HBO's succession, said "The strike could last until the end of the year." He also said "They are trying to freeze us out and beat us into the ground, because there's a lot of money to be made in streaming and the desire is not to share it with the writers or the performers." About 160,000 performers stopped work at midnight on Thursday, joining the 11,500 who left on the 2nd of May. The two 'guilds' want studios and streaming services to offer pay, increased royalties, higher pension contributions, health plans and safeguards on the use of AI. Red-carpet premieres, promotional interviews and events including the Emmys and Comic-Con, have already been halted, rescheduled or scaled back. For actors, pay for individual roles has declined, forcing them to seek several more roles to make the same amount of money as they did a few years ago. Writing contracts have become shorter and more perilous, with payment often not included for writers' work on revisions or new material.

So overall this could harm the film industry quite a fair bit and affect some major films releasing, plus interviews with these 'film stars' will most likely of been delayed.





# North Korea Launches ICBM

Last Wednesday, North Korea was suspected of firing an Intercontinental Ballistic Missile (ICBM) into the Sea of Japan. The long-range missile flew for approximately 1 hour before landing short of Japanese waters. Pyongyang (North Korea's capital city) launched the missile after it threatened retaliation against the US over what it claims were recent spy plane incursions (hostile entrances into another country) over their territory. Earlier this week, they also threatened to shoot down said planes. Recently, security concerns have risen in the peninsula due to North Korea testing new weapons in the area. The country conducted a record number of missile launches last year, some of which were capable of reaching US territory. In response to this, the US and South Korea have increased their military presence and joint military drills around the peninsula. So far, Pyongyang have continued their missile tests, including an ICBM test in April which it claims is its "most powerful" missile to date, as well as a failed attempt to launch a spy satellite in May. South Korean and American officials met shortly after the missile test, and issued a statement reiterating their "Strengthened" joint defence. "We strongly condemn North Korea's launch of a long-range ballistic missile as a grave proactive act that harms the peace and stability of the Korean peninsula and the international community and is a clear violation of UN security council resolutions" claims the South Korean Joint Chiefs of staff. North Korea's last launch took place in mid-June where they fired two short range ballistic missiles in response to American and South Korean drills. ICBMs are worrying, due to their long range.



The launch took place on Wednesday 12th July.



The US, Japan and South Korea held a rare military meeting in Hawaii as the missile was being launched.

# York City FC bring in new owner

Recently, York City FC changed ownership. The previous owner, Glen Henderson (51% ownership), has sold the football club to 394 Sports Ltd. (a private limited company) & Matthew Uggla. 394 Sports take Glen's 51%, and the 49% stays with the York City Supporters' Society. Aside from the takeover, York City Football Club has recently acquired many top players. Tyler Cordner is one. York bought Tyler from Aldershot for an undisclosed fee, the 6ft 2in (1.88m) centre back was a star man for Aldershot, proving that he could step up a league or two. York did very well to secure such a highly rated player. Check out more of York's signings on the York City website, or go to any of their socials.

As well as many new players, York also released their new 23/24 home & away kit. Check the images on the right for both shirts, the goalkeeper's kit was also released. To date, City have welcomed both Sheffield Wednesday and Middlesbrough to the LNER Community Stadium for pre-season friendlies. Most recently hosted Middlesbrough. York impressed against The Boro's young squad, which has signed 6 players so far in the transfer window. After eventful weather at the LNER, York kept the game goalless.





# Thanks for this Year!



## **Millthorpe Library News** **Weekly News to your Library!**

Hello,

Thanks for yet another good year of the news team. Without our readers, especially the ones who read every issue we release every week, we would never have got as far as we are today.

Next year, we have even more plans for Millthorpe Library News. You can view more information on our site blog page, the link to our site as always is at the back of this newspaper. Once again thanks for all your support, and we hope to see you again next year! Also, enjoy the bonus content in this exclusive issue!

Thanks,

**The News Team.**



## Viruses used to save people

Phages, specific viruses that kill deadly diseases like E.coli (see below), are now being used in a century old tactic to treat diseases. In the past, studies have shown that certain fages that can be found in sewage waste have the potential to kill E.coli as part of their natural occupation.

In Scotland, last week, phage therapy (see picture caption below) was used as a lifeline for treating an 84 year old patient's joint infection. She had previously received antibiotics for 18 months alongside 8 surgeries to cut out bits of the infected cell tissue. After a year of no huge positive results from antibiotic therapies and surgeries, the doctors moved to phage therapy which proved a huge success with the relentless infection ceasing after just 2 weeks alongside further antibiotics.

"What the virus does, it attaches to the cell of the bacteria, it infiltrates it and it multiplies," Mr Graeme Nicol, the only current clinical phage specialist in the UK, told BBC Scotland. The word phage comes from the greek root of 'devour', meaning literally to devour something. Subsequent to the destruction of the joint infection via the phages, the very helper who did the work is killed by the immune system to prevent organs from being attacked after all the bacteria is killed. Phage therapy was discovered in 1919 but was used much less after easily storable antibiotics came in 1928. Phages could become very useful in the future as the WHO (World Health Organization) warns the public of the biggest biological threat and hidden pandemic that is antibiotic resistance. Antibiotic resistance is where bacteria becomes more resistant to antibiotics over time, making the medicine redundant and the infection continuing to grow. Phage therapy can be used via a delivery from a lab that finds the right virus for the specific illness.



Phages treat people from other diseases, this is called phage therapy.

## Electric car firm makes battery breakthrough

Japanese car company, Toyota, has claimed that they made a battery breakthrough over a week ago. The new advancement has made charging times much smaller and increased the mileage an EV (see picture below) can achieve from one full charge. The second largest car company plans to roll these cars out by 2025. Professor Kaita, who works with Toyota's EV batteries, said that it now seems possible in the near future that EVs could travel a range of 1,200km (745 miles) that charges in less than 10 minutes. This huge mileage is more than the majority of cars that run on fossil fuels.

The new car batteries would also be half the weight of the average current ones, alongside being cheaper with a simplified design and being smaller. Professor Kaita also said "If it is a genuine breakthrough it could be a gamechanger, very much the holy grail of battery vehicles." Many batteries in EVs are made of lithium-ions which use a liquid electrolytes. These can be inefficient and potentially dangerous with a higher risk of causing fires. Solid state batteries have been hailed for their efficiency, low risk of fires, higher mileages and lower charging times. However, they are also harder and more expensive to manufacture with Toyota vowing to start producing solid-state EVs by 2027.

The Japanese car company also said that they believed the new simplified production process of solid state batteries could become easier to make than lithium-ion batteries. Last month, the Advertising Standards Agency (ASA) banned Toyota and Hyundai electric car adverts for exaggerating the speed at which the cars could be charged and the availability of charging points around the UK and Ireland.

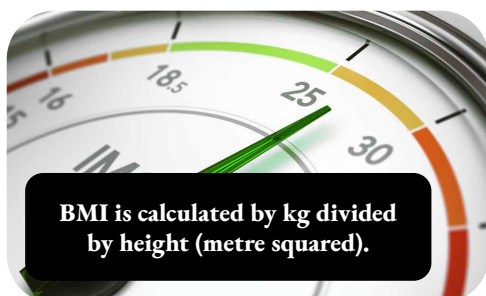


EV stands for Electric Vehicle.



## ‘Overweight’ BMI may not be so bad

Being ‘overweight’ may not be as bad for your health as previously thought. This evidence comes from a large study in which people who were classed as overweight, but not obese had a lower risk of dying during a certain time period than people with a more ideal weight, and the study suggests that the BMI threshold has been set too low. Though it is uncontroversial that being overweight is bad for people’s health, it is unclear when health risks start to begin. Doctors will usually ask a patient to lose weight if they have a high Body Mass Index (BMI), and in most countries, a healthy BMI lies between 18.5 and 24.9. Having a BMI of 25 to 29.9 is classed as overweight, and having a BMI of 30 or over is considered obese. These thresholds became medical orthodoxy after being cited in a 1997 World Health Organisation (WHO) report. Previous research found that people who are obese have a lower death rate than those who were slimmer, but these reports are outdated, and those taking part in the study weren’t ethnically diverse, claims Aayush Visaria at Rutgers Institute for Health in New Jersey. To address said issues, he and Soko Setoguchi analysed data from a more recent study, and concluded that having a BMI between 25 and 27.4 carried a 5% lower risk of death in the measured time period than slimmer people.

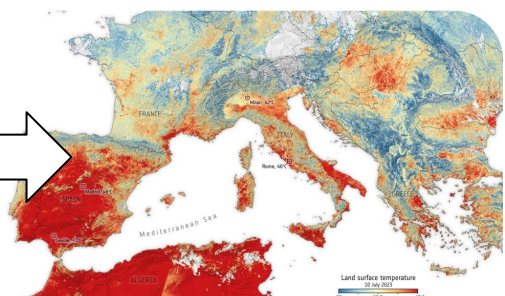


BMI is calculated by kg divided by height (metre squared).

## Heatwaves sweep across Southern Europe

A heatwave has continued to sweep across southern Europe and record breaking temperatures are expected over the next few days, with temperatures reaching beyond 40°C in areas of Turkey, Croatia, France, Spain, and Greece. Temperatures are thought to reach 48°C in parts of Italy, becoming “Potentially the hottest temperatures ever recorded in Europe,” according to the European Space Agency (ESA). A red-alert warning has been put in place for 10 cities, including Rome and Florence, and last month is said to have been the hottest June on record, according to the EU’s climate monitoring service, Copernicus. Sadly, extreme weather events such as this are becoming the new normal due to warming climate, according to the World Meteorological Organisation (WMO). Periods of intense heat are part of regular weather patterns, but are slowly becoming more frequent, more intense, and lasting longer due to the effects of climate change and global warming. Tourists in Europe have been negatively affected by the heat, with the Greek Red Cross being deployed to look after visitors in acropolis, claiming many get nauseous and dizzy due to intensive heat. Earlier this week, a man in his forties died after collapsing due to the intensive heat in the area, and many others have collapsed due to heatstroke.

Certain places are expected to reach 48°C.







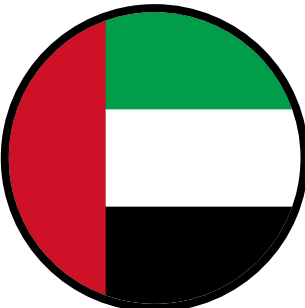
# Around The World



Deforestation in the Amazon rainforest in Brazil has decreased by 33.6% over the course of 2023, according to the government. This is a huge achievement towards reaching their pledge made at COP26 of ending deforestation by 2030. The report said that in 2022, under President Bolsonaro rule, from January to June, 3,988 sq km of forest was cut down comparing to 2,649 sq km this year under Lula Da Silva's Government.



Climate activist, Greta Thunberg, who recently ended her 'school strike for climate' campaign after 251 weeks, has been arrested in Malmö (a Swedish port city which will host eurovision next year) for blocking oil tankers and 'disobeying the police'. This happened in June this year with a group of other young protestors and Thunberg faces up to 6 months in jail."The climate crisis is already a matter of life and death for countless people," Thunberg wrote.



Over 30 green innovations and businesses have received \$50,000 in funding from the Expo Live Innovation to develop and sell their products better. The winners of the competition, which was hosted in Dubai, UAE (United Arab Emirates) are also being given an opportunity to pitch their technology at COP28 in the UAE. Over 1,200 innovations were shared and 36 winners chosen.



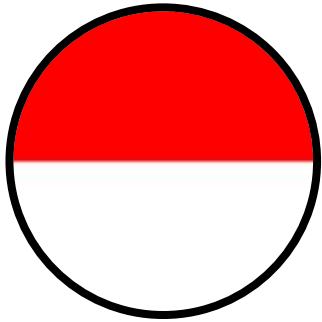
14 giraffes have been donated to the south African country of Angola from Namibia. They were transported 1,300km (800 miles) in a journey taking 36 hours. The successful project was part of Angola's Iona National Park's plan to reintroduce these animals as conservation. After 35 years of giraffe populations in Angola decreasing, numbers are starting to rise due to recent conservation efforts.



A huge mineral deposit in south-western Norway, containing an abundance of phosphate rock has been found and could meet the global demand for batteries and solar panels for a century. Norge Mining said that around 70 billion tonnes of the rock lay in the mineral rich area alongside titanium and vanadium. Phosphate rock contains phosphorus, a key component of many 'green' technologies like solar panels but is currently in shortage.



# Around The World



An indigenous population of Bajau people's traditional way of life is under threat due to nickel waste polluting the surrounding waters. The community inhabits Labengki Island, in southern Sulawesi, central Indonesia, and are renowned freedivers who hunt in the waters. However, the International Energy Agency (IEA), expects Indonesia to meet  $\frac{2}{3}$  (66%) of the world's needs for metal. Conservationists have warned that mining could have a devastating impact on the environment.



Kyriakos Mitsotakis has been elected Prime Minister of Greece for the second time. Mitsotakis' New Democracy have won 40.5% of the votes in the recent election, compared to their opponents, the Syriza party, who won only 17.8%. This has given Mitsotakis total control over the Greek Parliament. Throughout his leadership, Greece has come out of financial crisis, and during his victory speech, he claimed his party "will transform Greece".



Peru's most active volcano, named Ubinas, is spewing out toxic gas and ash, persuading the government to declare a state of emergency. It will last 60 days in total, and so far, around 2,000 people who live close to Ubinas have been advised to wear eye protection and face masks, and an escape plan has been put into place incase the volcano erupts violently.



Water supplies have been brought into Havana, the capital city of Cuba, due to a recent drought. At least 100,000 people in the city have no running water, and the water system is outdated and very old. People have instead used rivers and water trucks to bring supplies of water. Supplies of fuel and medicine are also very low due to finance problems in the country.



Tunisian authorities have suspended the salaries of 17,000 teachers and fired 350 school principals. The recent move is said to have affected nearly a third of the country's primary school teachers, and has been met with protests by education staff across the country, such as refusing to hand in student's grades. The Tunisian government made this move due to dire economic problems.



# Book of the Week

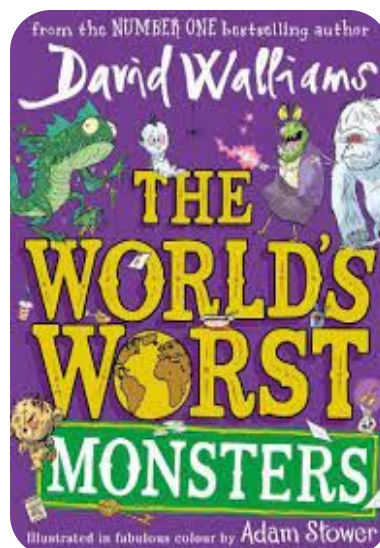


## The World's Worst Monsters

Who doesn't love a classic World's Worst series David Walliams book? Another book has been added to this series: The World's Worst Monsters! Dare you enter the world of Monsters? Lord Phantom has woken up after five hundred years to discover that his home has been turned into a theme park. Amber is convinced her parents and little brother are vampires! Buster has a new pen pal who might just be a werewolf. And Rose is about to uncover the true story of the Loch Ness Monster... Read the book to discover the rest of these 'Worst' Monsters!

### Age Rating:

The rating for this book is 9+, so it is fine for anyone in the school to read.



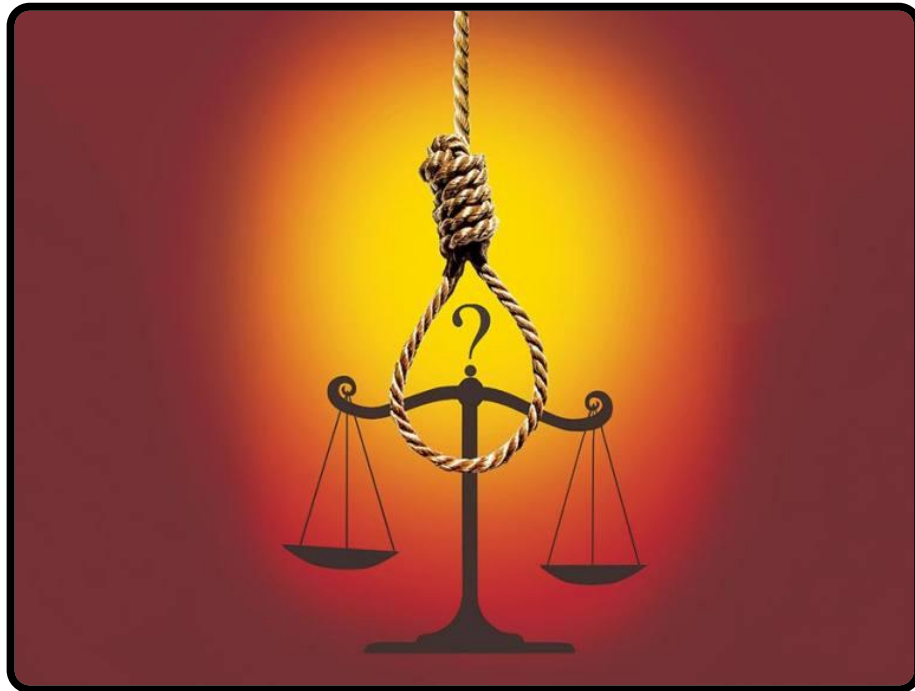


THIS WEEK'S TOPIC FOR DEBATE AND DISCUSSION IS:

# We should implement the DEATH PENALTY?

## FACTS:

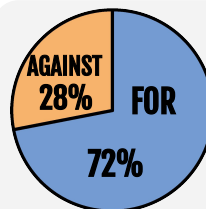
- **Implemented** in over 50 countries and 27 US states, the death penalty has caused many deaths, in fact 1568 people have been executed in the US alone.
- **Abolished** in the UK in 1998, the Death Penalty's last victim was Peter Anthony Allen for murder. It has been around since 18th century B.C. across the Globe.
- **Performed** in many different ways depending on the country, the primary method for the US is Lethal injection. Other methods include the electric chair and firing squads, all of which vary in pain methods, but **all** are irreversible.



## FOR

An eye for an eye • An effective deterrent • allows for closure

Some believe it is only fair that the killers be killed, and it is justice for their crimes. Not only does this provide better closure for the victims' families, but it also deters some. Whilst its effectiveness as a deterrent may be questionable, it will eter some, and any deterrent is better than none! Whether this be at the cost of someone's life, you may decide if it's worth it in the voting page, next to the display stand.



**Last week's results on:**  
Books are better than Television.  
**Thanks for voting!**

## AGAINST

Morally wrong • better for criminals • defective deterrent

**Killing** another person is, clearly, morally wrong, so why should governments do the same as criminals? The Death Penalty allows for an 'easy' way out, whereas life in prison allows for a longer life, at a low quality of life. It is in fact not recognised as an effective deterrent, which makes me question its purpose of it being around.

## FEATURED OPINION:

### WANT TO BE FEATURED IN NEXT WEEK'S PAPER?

**NEXT WEEK'S TOPIC WILL BE: We Should Judge Historical Figures Based on Modern Morals.**

Please email [20jaredv@millthorpe.southbank.academy](mailto:20jaredv@millthorpe.southbank.academy) and [20oliverl@millthorpe.southbank.academy](mailto:20oliverl@millthorpe.southbank.academy) with the subject 'Debate and Discussion'. In the main content put your opinion that you want to have a chance to be in the next issue.

## HOW DO I VOTE?

View the instructions on the voting page that is next to the issue stand.

# Military News

## Defence News Roundup

- As part of the new public sector pay rises (page 2), UK armed forces personnel are to get a pay rise of 5%, less than most workers with 6%. However, to pay for this, Single Living Allowance charges may go up by 4.5%, pay rises for junior officers may decrease and it has been recommended that medical/dental officers should continue to get paid the same.
- Sunak says that the Defence Command Paper 2023 (a paper that sets out plans to improve our Armed Forces) will be released 'before the summer recess'. There has been speculation that it will announce a reduction in the size of the British Army, include lessons learnt from the war in Ukraine, a boost for research into drone technology and it will include plans to establish a new Global Response Force which would hopefully dramatically increase the ability to physically respond to crises at short notice.
- The SAS (Special Air Service), one of Britain's special forces groups, has been accused of killing up to 80 Afghan civilians in various different circumstances. At the moment, it is unclear what will happen and court proceedings will take place later this month. Previously, the Australian Special Air Service Regiment have been charged with war crimes.



## What has The UK Sent To Ukraine?

- An unspecified number of Storm Shadow long-range missiles
- Long range attack drones
- Dozens of heavy-drones
- A squadron (18) of Challenger 2 main battle tanks plus armoured recovery and repair vehicles
- 30 AS90 artillery guns
- Hundreds of armoured/protected vehicles
- Minefield breaching and bridging capabilities worth £28 million
- Dozens more UAVs worth £20 million
- 200,000 artillery rounds
- Hundreds of missiles including air defence and medium range rockets and launchers
- Spares to refurbish 100 Ukrainian tanks
- 10,000 anti-tank missiles
- Medium-range Air-to-Air Missiles
- 3 million rounds of small arms ammunition; 2,600 anti-structure munitions and 4.5 tonnes of plastic explosives
- 82,000 helmets; 8,450 sets of body armour; 5,000 night vision devices; 25,000 sets of extreme cold weather clothing; 20,000 sleeping bags and 150 insulated tents
- 28 155mm self-propelled guns and 36 105mm guns
- 2,000 UAVs
- 6 autonomous underwater mine hunting vehicles
- 120+ logistics vehicles
- Sea King Helicopters
- A promise to train 30,000 Ukrainian Armed Forces personnel by the end of 2023
- Plus potentially many more non-publicly-announced aid

Overall, the UK has committed £4.6 billion in military assistance to Ukraine.

Britain's defence secretary and the US national security advisor have suggested Ukraine ought to show more gratitude for the help it has received, with Ben Wallace stating that Ukraine had a habit of treating allies like an Amazon warehouse with lists of demands for weapons.



# Universal Basic Income: Free money for everyone?



## What is Universal Basic Income (UBI)?

Universal Basic Income is the economic model in which every citizen in a country would receive a large sum of money (around £1000) every month to not only help social welfare and bring people out of poverty, but this seemingly too-good-to-be-true proposal could actually bring huge economic benefits too. Read on to find out why, how it works and whether it will ever be used in future.

## How does it work?

UBI is a monthly salary the government would give to everyone in society to reduce stress, allow more time to rest and also reduce levels of inequality greatly over the country. Due to a multitude of factors, many countries around the world are suffering to economic problems. The war in Ukraine, climate change, inefficient economic systems and the coronavirus pandemic to note a few. The salary would take the weight of many people's shoulders reassuring them that they would automatically receive a guaranteed payment to give them a roof over the head, food and water to survive. You might be thinking, wouldn't this remove people's hard work ethic as the need for income is no longer to survive. Well, in many ways, it could have the opposite effect and make work and jobs funner for people as it is less of a stress to do such a workload. Stress reduces happiness and studies have shown that happiness can increase productivity, intelligence, creativity and can even extend your lifespan dramatically.

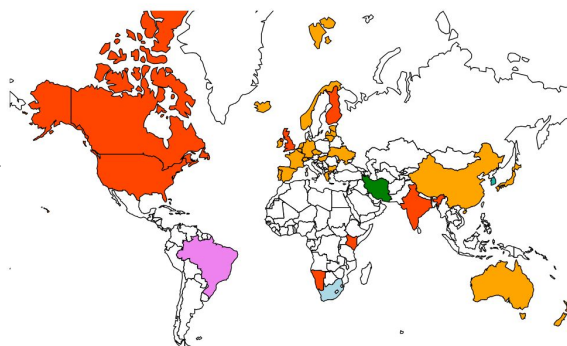
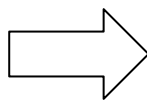
## Would this be a good idea economically?

Despite the fact that inflation (the general increase in prices of most goods), is caused by economic distress and national debts, UBI could surprisingly be good for the economy and make profits for the government. As said previously, a £1000 paycheck every month would significantly reduce levels of inequality and bring people out of the harrowing cycle of poverty. Whist this seemingly costly sum for the government might seem stupid, bringing a significant portion of people from poverty to at least a working class or middle class quality of life would fuel economies more as they have more money to freely spend on recreational activities for fun. Essentially, the people in poverty would gain enough money to reach a level where they can maintain stable jobs and ultimately pay their money forward to other people, for example in the tertiary sector (people who provide a service to others). Businesses need money to survive and levelling up poor people to a state where they can actually afford to do things for fun would be a win-win situation for everyone involved. However, at the moment we are not sure if UBI is a good idea. It would greatly change the way our lives are structured, could make people work less and give governments too much power and leverage. Certain models of UBI have proved effective with others, being inefficient.

## Has this ever been used and could it realistically be used in future?

Currently, this interesting model is only used in Iran but has been discussed and trialled in a multitude of countries including India, USA, Canada, Finland and The UK. It's certainly a promising idea and could be a genuine solution to the worldwide economic state. A Canadian charity has trialled UBI with homeless people and the results were successful with researchers saying it was "beautifully surprising". Homeless people identified as not having substance abuse issues or mental health problems received a one time payment of \$7,500 and studied their situations over a 12 month period. They also monitored another group of homeless people who were not given the payment and the results showed that those who were given the money were on average 39% less likely to buy drugs like cigarettes with the money than those who didn't. Instead they paid for rent, food and basic needs. They also kept on average \$1000 in a savings bank account. The charity wants to continue their efforts more largely across Canada. A UBI trial will also be taking place in the UK for the first time ever. 30 people from Jarrow, north-east England and north London are being given £1600 a month over the course of 2 years. This will cost £1.15 million and the results will be published thoroughly after the trial ends. Finland has also trialled UBI with unemployed people being targeted and sent a monthly payment of £490 for two years. The results showed that they were happier and less stressed, but remained jobless. Kenya has been trialling a very ambitious scheme of UBI with 14,000 households being given a payment. It started in 2016 and will end in 2028. The experiment is split into 4 groups: a control group, people who receive no payment, people who receive a one time \$500 payment, people who received \$0.75 a day for two years and those who will receive \$0.75 daily for 12 years.

A colour-coded map showing UBI in different countries.



Type





# Bastille Day

The 14th July, 2023, was the 234th anniversary of the storming of the Bastille. This is a huge day in France similar to the significance of Independence day in America on the 4th July celebrated with parties and fireworks. The French flag was re-designed after the French revolution in the 1790's. The 'tri-colour' iconic flag represents the National motto "Liberté, égalité, fraternité", meaning liberty, equality and fraternity.

On 14th July 1789, a mob of French civilians, stormed a French state prison named the Bastille which was built in the 1300's as a fortress in Paris during a war against England and became the symbol of how the monarchy at the time oppressed its people. After a hard fought fight, rebels seized the stronghold and freed 7 prisoners whom were there and were not trialed or mostly innocent. This was the at the beginning of the French Revolution and was first celebrated the following year. The French revolution happened from 1789 - 1799 and was provoked due to the inequality between the monarchy and the people who were literally starving with no supplies, being exploited by the high class. Ultimately, it started what became a revolution that overthrew a government and reformed as a more democratic country.

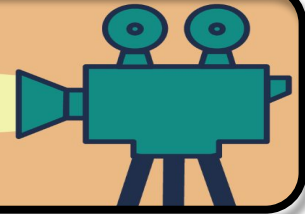
This year, military parades took place with crowds booing President Macron after his unpopular decision to reduce France's national retirement age which hit as a blow to the French value of liberty.

## Did you know?

Bastille Day became a national holiday in 1880.



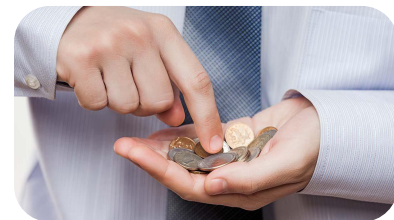
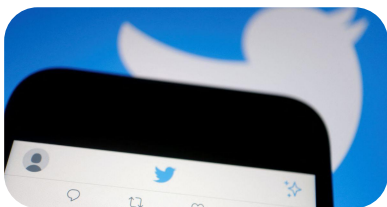
# Media Review



## Twitter still losing money after 50% loss in ad revenue

Elon Musk announced on Saturday that Twitter was still experiencing loss of profit during a 50% drop in ad revenue. This is because of Twitter's declining popularity and therefore user base. A few weeks ago, Elon put up a poll on the app asking users if they would like him to continue to be the CEO of Twitter. With a majority over 50%, many declined, provoking Musk to hire a new boss, named Linda Yaccarino.

Musk said to our reporters that they, "Need to reach positive cashflow before we have the luxury of anything else." He also predicted that in June, Twitter would be making profits again, but this has not come true. Musk bought the company in October 2022 for over £38 billion (\$44 billion) and said "the bird is freed" in reference to Twitter's iconic logo of a white bird on a blue background.



**Strangest headline of the week:** **METRO** “ ”

“Man tries to nick ATM by subtly ramming stolen crane into side of Co-op.”



# Media Quiz



Copies of the quiz below can be found next to the newspaper stand so you can complete. For this quiz & the music one, we won't be taking in entries.

1. 🔍 🐟
2. 🚂 🏊
3. 🦁 👑
4. ⭐ 🛡️
5. ⬆️ 🚗
6. 🏠 🌃
7. 🦎 🅑
8. 👦 ❓
9. 🚀 1 3
10. 🔴 😵
11. 🏠 1 🐶
12. 🗡️ 3 4 🛣️ 🎅
13. 👻 🚗 🔍
14. ▶️ 🦔
15. 📌 0 🔑 0 😞
16. 🧑 🕒
17. ⚽ 🦊
18. 😊 2
19. 💧 👦
20. 🤔 🧚
21. 📞 😊
22. 🌱 ➡️ 🧟





# Music Review



## Top of the charts:

1. Sprinter  
*Dave/ Central Cee*
2. Vampire  
*Olivia Rodrigo*
3. Who Told You  
*J Hus/ Drake*
4. Miracle  
*Calvin Harris/ Ellie Goulding*
5. Giving Me  
*Jazzy*
6. Cruel Summer  
*Rudimental/ Charlotte Plank/ Vibe Chemistry*
7. (It goes like) Nanana  
*Peggy Gou*

## Review of: 'Star Wars'

soundtrack *John Williams*

### Imperial march:

Imperial march (darth vader's theme) is a simple piece based off military marches using loud bass instruments like trumpet, trombone, and percussion.

### Star wars main theme:

The star wars main theme is also mostly played with brass and percussion, however features much more prominent violin sections. Despite using similar instruments stylistically the two are very different, the former is a march, the latter a celebratory fanfare.

## Guess the song:

Viola

*f*



# Music Quiz



\*Copies of the quiz below can be found next to the newspaper stand so you can complete. For this quiz, we won't be taking in entries or giving prizes.

## GUESS THAT SINGER!!!

**EASY:**



**MEDIUM:**



**HARD:**



**ULTRA-HARD:**



## WHO'S THAT ARTIST, FROM THE LYRICS!!!

1. 'Listen to the wind blow, down comes the night  
Running in the shadows, damn your love, damn your lies  
Break the silence, damn the dark, damn the light'...
2. 'Tumble out of bed  
And stumble to the kitchen  
Pour myself a cup of ambition  
And yawn and stretch and try to come to life'...
3. 'Never gonna give you up  
Never gonna let you down  
Never gonna run around and desert you'...

**Did you know?**  
That the song with the most streams on spotify is blinding lights by The Weekend, with 3.335 billion streams.

**Did you know?**  
That the band with the most number one singles is The Beatles.

**Did you know?**

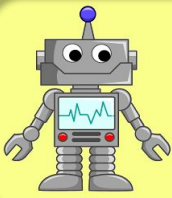
That the artist who has the most streams on spotify is Drake with 57.2 billion streams.

## WHO'S THAT ARTIST ANAGRAMS!!!

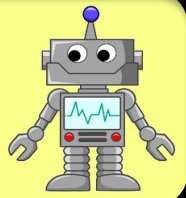
Karry type - .....

floaty wrist - .....

Cid emery furred - .....



# Latest Tech News!

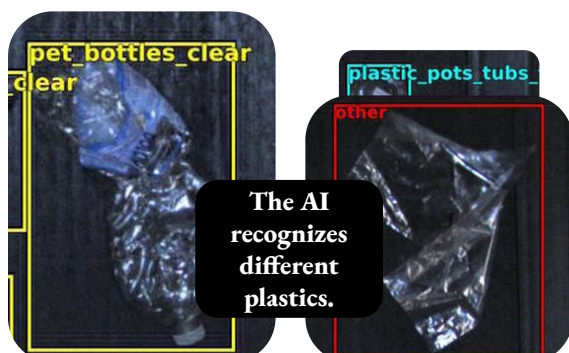


## The AI that recognises recyclable waste

Waste around the world is accumulating at an incomprehensible rate, polluting oceans, beaches, rivers and the very towns and cities we live in. The UK Government says that currently, 44.2% of plastics are recycled. However, during The Big Plastic Count in 2021, one study contradicted this sum and discovered that overall only 12% of all plastic waste is actually recycled, taking in to account the less recyclable soft plastics we use in everyday life like cling film.

To combat this ever growing problem of recycling, certain Artificial Intelligence (AI) softwares like the company 'Grey Parrot' have been developed to categorise and recognise over 50 types of plastics, fibers, metals and more (pictures below on the left) with an accuracy of 95%. The AI recognises a range of things such as black plastic, small and overlapping items, brand packaging and SKU's (Stock Keeping Unit) which are codes on products that can be used to track what product it was, the manufacturer and the price). There are around 40 of these 'Grey Parrots' being used across the world spanning from the UK, Europe, Asia and Africa in a range of facilities, with 32 billion pieces of waste being tracked every year. The technology uses cameras to recognise the waste as it passes through huge conveyor belts. Founder of Gray Parrot, Mikela Druckman stated "A product like a Coke bottle, once it goes into the bin, will be crumpled, crushed and dirty, and makes the problem much more complex from an AI standpoint." Ultimately, the AI can sort materials (especially plastics) into different categories such as soft plastics like polythene and harder plastics like bottles which can be exported to recycling facilities that specialise in those specific materials.

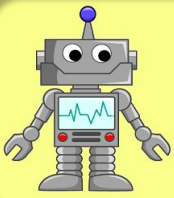
Grey Parrot was made in collaboration with another company named 'Blue Green Vision' and was given £488,000 in funding to help pay for the costs of developing the artificial sorter. Alongside Grey Parrot, other firms such as UK-Polytag are helping combat plastic pollution. UK-Polytag covers products in UV tags which are invisible to the human eye but are read by a 'polytag machine' if they enter a recycling plant. Customers and retailers can see how many of their products are actually being recycled as the polytag machine scans the plastic and records it individually. This firm works with UK shops, Co-Op and Ocado.



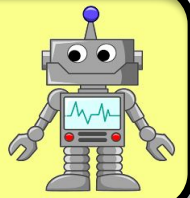
From the 1950s until 2015, over 8.3 billion tonnes of plastic waste was produced.







# Latest Tech News!



## Bard (Google's AI) Launches In Europe and Brazil

Google's parent company Alphabet is rolling out its AI (Bard) in Europe and Brazil. It's the biggest expansions since March when it launched, and it makes more rivalry for Microsoft Bing, Microsoft's AI. They are both examples of generative AI which can answer questions in a human-like way. Bard's EU launch has been helped up by privacy concerns, like not saying how the AI protects EU citizens' privacy.

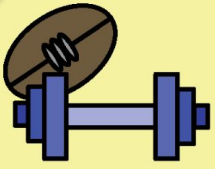
Google has also added some new features to Bard which will launch worldwide. This includes allowing it to speak out responses and respond to prompts that also include images. Users can now also change the style of response between: simple, long, short, professional or casual. However, the capabilities of AI have called everyone to call a development halt on them.

Different people have different beliefs on what the AI might lead to: destruction or solving our problems. The hype around AI has caused companies to invest millions or billions in this technology. People like Elon Musk have said that "the sector needs regulation".

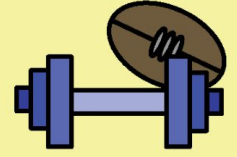
Overall, it's good to see Google launching their AI in Europe and Brazil, along with a few new worldwide features. It is also good to see that to prevent AI from becoming potentially dangerous, people have stopped working on their capabilities and are wanting more laws to regulate the sector.



The CEO of Google,  
Sundar Pichai.



# Sport News



## Men's Cricket

### Current Ashes stand out performers

#### Australia - Pat Cummins

Australian captain Pat Cummins is one of our chosen stand out performers because of his consistent bowling accuracy, causing England problems out field every innings. Taking the second most wickets so far in the test series.

#### England - Ben Stokes

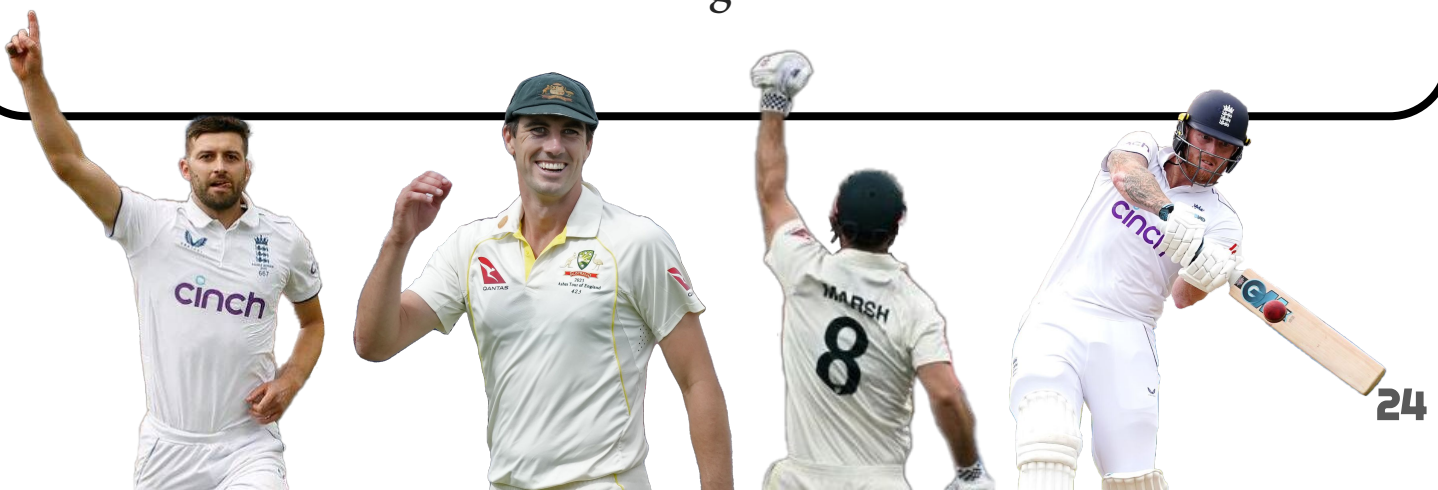
Also a captain, Englishman Ben Stokes nearly led England onto a miracle win again back in the second test after the controversial dismissal of Jonny Bairstow. Read more about the second test in issue 36.

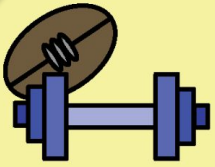
#### Australia - Mitchell Marsh

All rounder, Mitchell Marsh hit over a century in the third test, facing majority of his balls from rapid bowler Mark Wood (read about Mark below). Mitchell is one of many good bowlers for Australia as well as being a world class batsman.

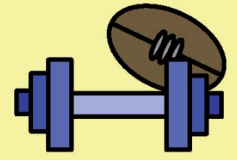
#### England - Mark Wood

Recently brought into the side, Mark Wood has proven his ability. Mark caused countless problems for Australia, bowling up to speeds of 97mph. As well as extraordinary bowling, he hit some crucial runs in the closing stages of the 3rd test with batting partner Chris Woakes, who won the test for England.





# Sport News



## Men's Football

### Hall Of Shame: Joey Barton

Ex-footballer and current Bristol Rovers manager, Joey Barton is considered to be one of football's worst thugs. Joey started his senior football career at Manchester City. He ended up making the most appearances at City than any other club. He left City in 2007, joining Newcastle. His reputation was already in shreds. In his teenage years, it proved a hard job keeping Joey under control. Listing a few of his early career offences, he stubbed a lit cigar into a young teammate's eye, broke the leg of a 35 year old pedestrian, stamps on opponent purposefully. After his switch to the north east, Barton makes matters worse for himself. During his time at Newcastle, Joey made homophobic comments on Fernando Torres which resulted in a warning from the FA (Football Association).

Joey Barton took his anger to twitter, as he made comments on Gary Lineker. He called Gary an 'odious little toad'

These are just a few of the offences Joey committed. After his playing career, so far he has not added to his list. Hopefully he has learnt his lesson.

Prison Number :

VW6286

Surname :

BARTON

Forenames :

JOSEPH

Arrival Date :

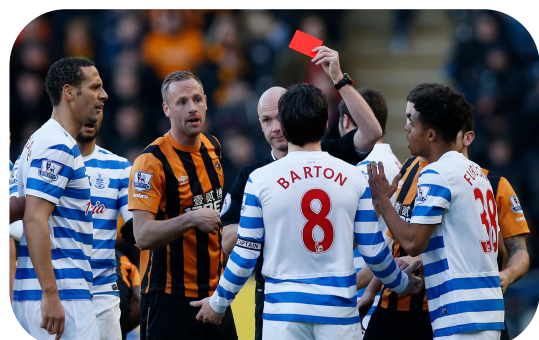
30/06/2008

Date of Birth :

02/09/1982



**PRISONER**





# York Graffiti Exhibition

York's graffiti exhibition brings excitement to public as a massive mural appears on the side of an office building on Ousegate! And now there is more and more graffiti showing up in the building itself.

## The reason

You may be wondering why anyone would graffiti so much on a massive building, however, there is a reason; charity.

It is believed that the entire mural is to raise money for Mind (a mental health charity).

## The details

Place: 2 Low Ousegate, YO1 9QU

Date: 15th July, and three weekends after!

Creators: educated vandals!

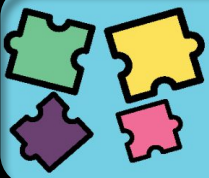
(See poster below on the left).



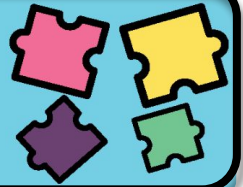
# Comic strip!







# Puzzles



## Riddles

**Easy** - There is one word spelled wrong in every English dictionary. What word is it?

**Medium** - I am so simple that I can only point, yet I guide people all over the world.

**Hard** - What English word retains the same pronunciation, even after you take away four of its five letters?

		3	5	7		2		
2	9		1		3			6
					4	1	9	
	8	2		3			1	7
			7		8			
9	1			4		3	6	
	2	1	4					
7			8		1		2	5
		5		9	2	6		

\*(This sudoku will be cut out next to the issue stand for you to complete)!

$$\begin{array}{l}
 \text{Watermelon slice} + \text{Cherry} + \text{Watermelon slice} = 30 \\
 \text{Watermelon slice} + \text{Watermelon slice} + \text{Apple} = 28 \\
 \text{Cherry} + \text{Cherry} + \text{Apple} = 31 \\
 \text{Cherry} + \text{Apple} \times \text{Watermelon slice} = ?
 \end{array}$$

## Answers

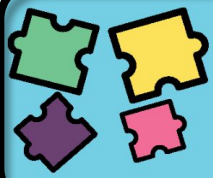
**Last Issue:**

**Easy** - Lunch and Dinner, **Medium** - A coin, **Hard** - A battery & **Music** - If your happy and you know it

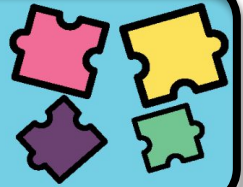
**This issue:**

**Easy** - Wrong, **Medium** - Compass, **Hard** - Queue & **Music** - The wheels on the bus





# Bonus Puzzles



## Kriss Kross

3 letter words

SET  
ZOO

4 letter words

IDEA  
IDOL  
PASS  
RUSH  
TYRE  
UTAH

5 letter words

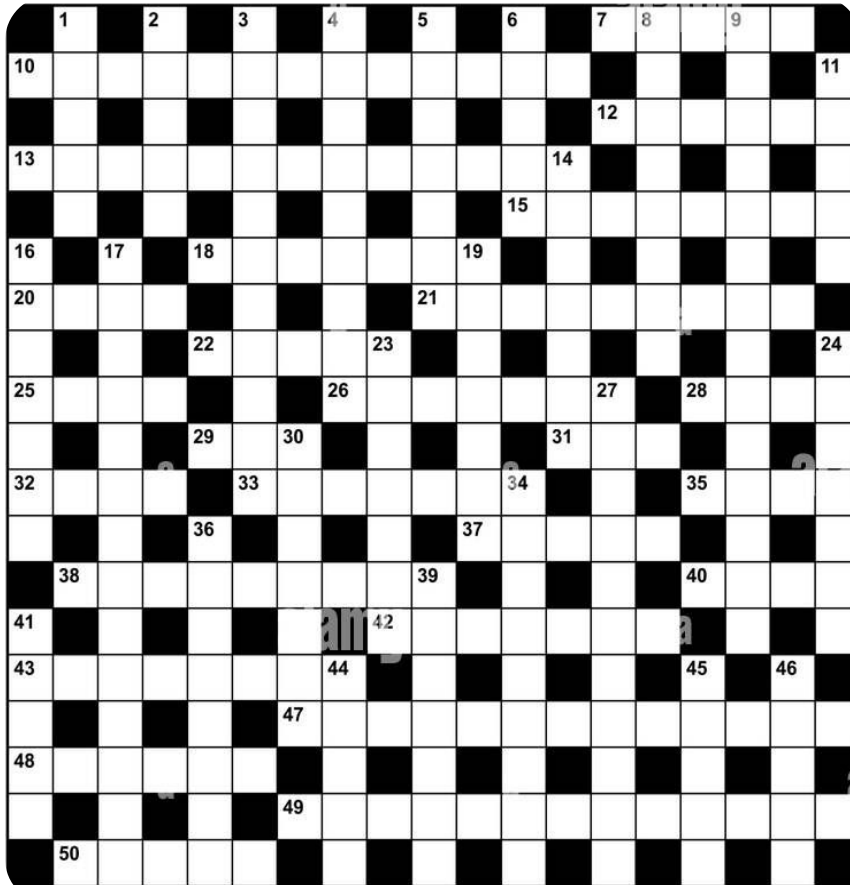
ARENA  
BERYL  
ENTER  
FEINT  
GRASS  
KNOTS  
SCADS  
SKIRT  
SMOCK  
SPITZ  
TREND  
WORLD

6 letter words

ACC RUE  
SAINTS

7 letter words

DANAKIL  
EFFORTS  
GLOTTIS  
NASCENT  
OFFSIDE  
SILENCE  
STAGING  
TABORET  
TENANTS



THISTLE  
TIMEOUT  
VICTORY

8 letter words  
ALMIGHTY  
GETS A TAN  
RECEIVER  
ROADSIDE

9 letter words  
DEBIT CARD  
GENTLEMEN  
SCIENTIST  
UNLEASHES

11 letter words  
LEEDS UNITED  
TICKTACKTOE

13 letter words  
BLITZKRIEGING  
COMPLIMENTARY  
ENTERTAINMENT  
LEICESTER CITY

14 letter words  
NORTHWESTWARDS  
REPRESENTATIVE

\*(Just like the sudoku, this will also be printed next to the issue to be filled in!)

## Answers:

Across: 7 TREND, 10 COMPLIMENTARY, 12 ACCRUE, 13 BLITZKRIEGING, 15 ALMIGHTY, 18 NASCENT, 20 IDEA, 21 GENTLEMEN, 22 SKIRT, 25 TYRE, 26 DANAKIL, 28 UTAH, 29 ZOO, 31 SET, 32 RUSH, 33 EFFORTS, 35 PASS, 37 SCADS, 38 UNLEASHES, 40 IDOL, 42 TIMEOUT, 43 ROADSIDE, 47 ENTERTAINMENT, 48 SAINTS, 49 LEICESTER CITY, 50 FEINT. Down: 1 WORLD, 2 SPITZ, 3 TICKTACKTOE, 4 DEBIT CARD, 5 STAGING, 6 ARENA, 8 RECEIVER, 9 NORTHWESTWARDS, 11 BERYL, 14 GLOTTIS, 16 VICTORY, 17 REPRESENTATIVE, 19 TENANTS, 23 TABORET, 24 THISTLE, 27 LEEDS UNITED, 30 OFFSIDE, 34 SCIENTIST, 36 GETS A TAN, 39 SILENCE, 41 GRASS, 44 ENTER, 45 SMOCK, 46 KNOTS.

# Visit Our Website

Hello! As you may have known, Millthorpe News actually has its own website!

Here, you can read the newspaper digitally, view older newspapers and even take quizzes!

**Note: You must be signed in your school account to access it.**

**All this is available at:**

**[sites.google.com/millthorpe.southbank.academy/millthorpenews](https://sites.google.com/millthorpe.southbank.academy/millthorpenews)**

**Or for after school use only:**

**Scan the QR code:**



See you there!

# Credits

## Editorial Team

### Y9 - Oliver Lynch

Head Editor, Puzzles, Book of The Week Writer & Site Editor.

### Y9 - Jared Van Schalkwyk

Head of Graphic Design.

### Y9 - Tom Brook

Military News Writer, Head of Marketing & Recruitment.

## Writers

### Y7- Frank Walker

Comic Page & School/Local News Writer.

### Y9 - William Bradley

Around the World Writer & News Writer.

### Y9 - Will Bruce

Writer.

### Y9 - George Moir

Music quiz & Music Review Writer.

## You can be here!

Email or ask a member of our team to join.





## **DEBATE CLUB - *Advertising Jared's debate and discussion page to members of debate club***

*To members of debate club,*

If you spend your breaks and lunches in the library and are looking for something interactive and engaging to do within the school, you might be interested in getting involved in a newly based debate-themed activity. Every week, Millthorpe Library News (MLN) writes a 15 page newspaper that is put by the entrance of the library. Recently, we have launched a new page called debate and discussion. In the page, there will be a debate and information to back up both sides of the argument. Also by the entrance of the library, there will be a voting page where students can fill in their name (optional) and put a tick on whichever side you are for. The votes will be counted up and the results will be displayed in the next debate of the week page. At the bottom of the voting page, next week's debate will be shown.

We would love for people to get involved and please email either:

**20jaredv@millthorpe.southbank.academy,**

**20freddien@millthorpe.southbank.academy**

**20oliverl@millthorpe.southbank.academy**

with the subject 'Debate and Discussion' if you want to have your opinion in next week's Debate & Discussion.

\*There are also sudoku's by the weekly issues and voting page which you can do with the answers in the next issue.