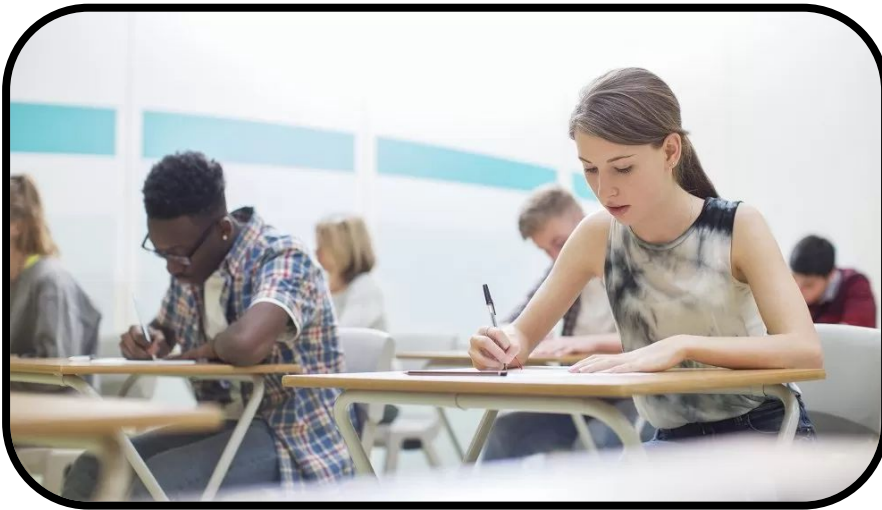




## Millthorpe Library News Weekly News to your Library!

# A and T levels to be replaced?



Recently, the Prime Minister Rishi Sunak has proposed replacing the current A Levels and T levels with a new qualification, called the Advanced British Standard. 16 - 19 years olds will typically study 5 subjects: 3 'major' and 2 'minor' aspects. But if your against these changes, don't worry, as they will only come into place around 2033, affecting those who are just starting school if it even gets to that stage in the first place.  
**(Read page 2 to find out more).**

## US issues first ever space junk fine

The US Federal Communications Commission has issued its first ever fine over space junk. The fine amount was \$150,000 to a company called Dish, who failed to move one of their no longer in use satellites far enough away from currently active satellites, which could interfere with there day to day operations.

**(Read page 3 to find out more)**

## New robot revealed & salmon create a stink

A startup company in Japan has recently unveiled a new robotic suit, which they say could be used for emergency situations and space exploration in the future. Also, a buildup of salmon in the river Tara has caused quite a nasty smell to spread across northern Norway and Finland.  
**(Read page 11 and 7 to find out more)**

# Issue No.42 05/10/23

Main News Pages \* Military News • Autumn Term Quiz • Around The World • Science & Environment • Book Of The Week • Media Review • Music Review • Latest Tech News • Sports News • Puzzles • Credits



# Advanced British Standard Proposed by PM to Replace A Levels and T Levels

The Prime Minister, Rishi Sunak, has proposed for A Levels and T Levels to be replaced by a new qualification for all school leavers in England. All 16 - 19 years olds will typically study 5 subjects as part of the new Advanced British Standard, including some English and Maths up until 18. However, it will be many years before the qualification is in place and the first students to take it will be those currently just starting primary school. He said that he would also recruit more teachers to help. One of the most striking of the proposed changes is that students would be able to combine both academic and vocational elements, with typically three major and 2 minor aspects. They would include maths and English up to the age of 18, bringing England more in line with international standards where subjects are not narrowed down. The new baccalaureate-style qualification would bring together the best of A-levels and vocational T-levels into a single new qualification, he told the Conservative Party conference, in Manchester. "Rigorous" and "knowledge-rich", it would put technical and academic education on an equal footing and ensure all young people left school knowing the basics in maths and English, with extra help for those who struggled. "In our country, no child should be left behind," Mr Sunak said. He also added that 16-19 years olds spend around a third less time in the classroom than our competitors, so he said under the proposals that students would spend another 195 hours with a teacher. Mr Sunak promised an additional £600m over two years to increase training of maths teachers, and funding for those studying for compulsory GCSE resits in colleges in maths and English. The plans will go to consultation, with possible implementation in around 2033-34. Anybody reaching the end of school before this time will either be taking A Levels or T Levels, so as stated above if this was implemented it would only affect those just starting school now.



# US issues first ever fine for space junk

The US government has given it's first ever fine to a company over space junk orbiting the Earth. They were fined \$150,000 by the Federal Communications Commission for failing to move an old satellite far enough away from other satellites in use. The company admitted liability over it's satellite and made a compliance plan with the FCC.

Space junk is made up of bits of tech that are in orbit around Earth, but are not being used anymore and risk collisions. It is officially called space debris, and includes things like parts of spacecraft and old satellites. The FCC said that Dish's satellite gave a potential risk to other satellites orbiting the Earth at its current altitude. The company was meant to move the satellite 186 miles further from Earth, but at the end of its lifespan it had only moved 76 miles after it lost fuel.

"This is a breakthrough settlement, making very clear the FCC has strong enforcement authority and capability to enforce its vitally important space debris rules." said FCC enforcement bureau chief Loyaan Egal. The \$150,000 fine presents only a small proportion of the companies revenue which was \$16.7bn in 2022, but the fine may still have an impact on other satellite operators. "The fact that they've actually used their regulatory powers for the first time is certainly likely to at least make the rest of the industry sit up and pay attention," said Dr Argo. Overall, it is estimated that more than 10,000 satellites since the first in 1957, with over half of them now out of use. According to NASA, there are more than 25,000 pieces of space debris measuring over 10 cm long. The Boss of NASA, Bill Nelson, said that space junk was a major problem which has meant that the International Space Station has needed to be moved out the way of flying debris going past.





# Military News

## UK awards a £4 billion contract to build nuclear submarines

BAE Systems, Rolls Royce and Babcock are part of the contract to design and manufacture a nuclear powered SSN (subsurface-nuclear) submarine as part of the AUKUS programme in partnership with Australia and the United States. The submarines will be the 'largest, most advanced and most powerful attack submarines ever operated' by our Royal Navy with the first of which being expected to be delivered in the late 2030s, their Australian counterparts following in the early 2040s. They mark the first time the US have shared nuclear propulsion technology with a country other than the UK, as Australia currently only operates a fleet of diesel-powered submarines.

Furthermore, Washington intends to sell Australia several of its Virginia class nuclear subs as part of the agreement.

The programme will strengthen deterrence in the Pacific where China has been increasingly active. However, China has condemned AUKUS as an illegal act, accusing Australia, the UK and the US of having a 'Cold War mentality'.

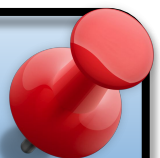
### **Dozens of Niger soldiers killed near Mali:**

The government of Niger has declared three days of national mourning after at least 29 soldiers were killed in a terrorist attack.

It comes after a military operation aimed at neutralising the threat posed by the ISIL (ISIS) group in the area. The incident involved 'improvised explosive devices and kamikaze vehicles by more than a hundred terrorists', also said in the televised statement by the ministry was that 'several dozen terrorists' were also killed. The area regularly sees attacks by armed groups affiliated with ISIL and Al-Qaeda.



# Millthorpe Library News Autumn Term Quiz!



## Millthorpe Library News Weekly News to your Library!

Hello,

Many of you may have participated in Millthorpe Library News' first news-based quiz last academic year. We are delighted to announce that it's back - and happening next week (issue No.43).

Starting on Thursday 12th October (when issue No.43 releases), the quiz will include 12+ questions featuring true or false, fill in yourself and multiple choice. All that is required is to **read issue No.43** (situated at the library entrance on the stand) and answer the questions on a quiz sheet in front of the newspapers also found at the entrance. Once the **name/form box is filled in with your answers and handed in to the librarians at the desk**, you will be in for a chance to win a prize. There will be 3 prizes given out to those who get 100% on the quiz, all of which are varying large sweets and chocolates! The quiz closes on Thursday 26th October, 2 weeks after the release date of the quiz issue.

**P.S. - We need you!**

We need dedicated writers, graphic designers and more to make this newspaper excel; join us and become a member of The News Team. **You can do this next week by ticking a checkbox at the bottom of the quiz sheets (include your name and form which you will have done to enter the quiz anyway).** You will be emailed and contacted by a member of the team shortly after the quiz ends.

We hope that you read our newspaper packed with interesting articles every week and participate in Millthorpe Library News' Autumn Term Quiz!


Thanks.

**The News Team.**




# Around The World

## First Underground school being built in Kharkiv




Ukraine's first underground school is set to be constructed in the north-eastern city of Kharkiv, Mayor Ihor Terekhov has stated. Upwards of 360 educational institutions have been destroyed as well as 3,000 damaged since the beginning of the war, and the shelter will allow 1000s of students to continue their education.

## Children taken to hospital after consuming cannabis



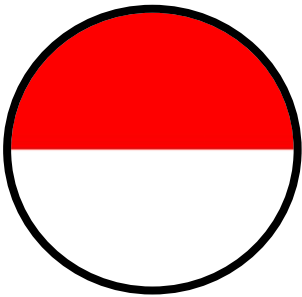
More than 60 children have been hospitalised after eating sweets containing the drug cannabis, the country's education minister has said. Though some of the children experienced hallucinations and vomiting, none are said to be in a critical condition. The principal of the school has stated that a "lone vendor" had sold the sweets.

## Man dies in Australia after whale strikes boat.



A man has been killed on the coast of Australia, due to a whale striking the boat, and one other has been injured. The two men were on a fishing trip, off the coast of La Perouse, The alarm was raised after the boat was spotted unoccupied. Deaths caused by whales in the region are rare and has been called "an absolute freak accident".

## Indonesia opens new high-speed railway



Indonesia has recently unveiled its first high speed railway, a project backed by China's belt and road initiative, and costing around \$7.3bn (£5.9bn). The railway is named woosh, and connects the capital city of Jakarta to Bandung, the latter of which is a major economic hub. The railway was opened on Monday.

## Church roof collapses in Mexico, killing 10 people



Around 10 people, 3 of which being children are reported to have died after a church roof in northern Mexico collapsed. The collapse occurred during sunday afternoon local time, when 100 people were attending a baptism within Santa Cruz church in Ciudad Madero. 60 people have been injured, and dozens were trapped beneath the rubble.

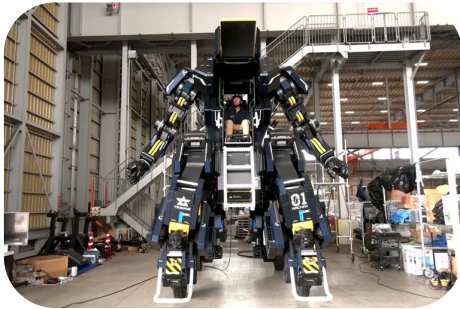




# Science & Environment News



## Japanese engineers unveil 15-foot robot for space-exploration



Engineers in Japan have recently built a 3.5 ton robotic suit that is said to resemble a character from a massively popular animated series, and the machine was constructed in the hope of utilising it for space exploration and in emergency situations. Tsubame industries, a Tokyo startup has recently developed this robot, which is said to resemble “Mobile Suit Gundam”, from a Japanese 1970s TV show. The robot has been named Archax, has four wheels and stands at a height of 4.5 metres. The robot suit is set to cost \$3 million (£2.5m), and it contains cameras that can be accessed from interior monitors, as well as being hooked up to the exterior, allowing movement of robotic limbs from within the robot’s torso. The bot is set to be unveiled later this month, at the Japan Mobility Show, where it will demonstrate its two separate modes: the “vehicle mode”, where it will be able to travel at speeds of 10km (6 miles) per hour, as well as its upright “robot mode”.

## Wild Salmon create stink in Norway and Finland



The border between Finland and Norway is the host to the world’s greatest salmon river, however, lately the river has been crowded by rotting fish. The river, know as Tanavela or Tana to the Norwegians, and Tenojoki or Teno to the Finns, is usually one of the purest and cleanest rivers, passing through mostly unspoiled and unpolluted areas within Finnmark, the northernmost county of Norway, and through into Lapland, Finland. Despite this though, the river has been releasing a strong odour of decay. Aino Erkinaro, at the University of Oulu in Finland has stated that “It’s a mess. It’s quite dramatic. And, oh man, it smells so bad now”. The decay has been result of a recent invasion of Pacific pink salmon, which has ultimately led to both Norway and Finland to declare an emergency. The salmon, known as pukcellaks or humpback salmon, was first introduced into the Kola peninsula in Russia, back in the 1950s, to attempt to stimulate the local economy. The fish are known to stray from the peninsula though, and seek a home elsewhere. Over the years, the species has slowly moved west, and huge increases in the pink salmon population have been detected in the North Atlantic - many often end up dead and rotting in the Tana.

# Book of the Week

## Superintelligence: Paths, Dangers, Strategies

The human brain has some capabilities that the brains of other animals lack. It is to these distinctive capabilities that our species owes its dominant position. Other animals have stronger muscles or sharper claws, but we have cleverer brains.

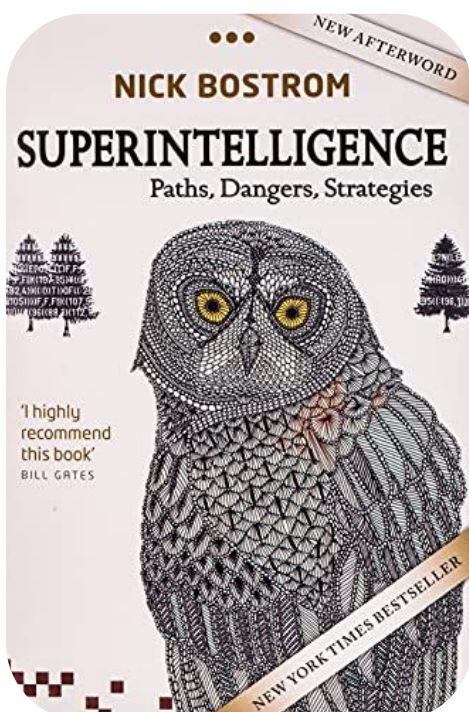
If machine brains one day come to surpass human brains in general intelligence, then this new superintelligence could become very powerful. As the fate of the gorillas now depends more on us humans than on the gorillas themselves, so the fate of our species then would come to depend on the actions of the machine superintelligence.

But we have one advantage: we get to make the first move. Will it be possible to construct a seed AI or otherwise to engineer initial conditions so as to make an intelligence explosion survivable? How could one achieve a controlled detonation?

To get closer to an answer to this question, we must make our way through a fascinating landscape of topics and considerations. Read the book and learn about oracles, genies, singletons; about boxing methods, tripwires, and mindcrime; about humanity's cosmic endowment and differential technological development; indirect normativity, instrumental convergence, whole brain emulation and technology couplings; Malthusian economics and dystopian evolution; artificial intelligence, and biological cognitive enhancement, and collective intelligence.

## Age Rating:

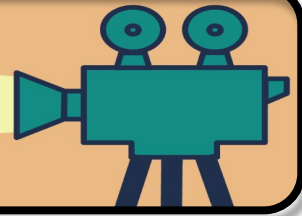
12+ - This Book is quite a technical read compared to most other books we do here, but is certainly still a good one, especially for those computer lovers out there!



**Fun fact: Nick Bostrom is also the scientist who turbo-boosted the simulation theory argument, suggesting that we are more likely to be living in a computer game which a more advanced species has made, and we are actually not biologically real.**



# Media Review



## The Russians watching Barbie & Studio Ghibli to release a new anime film

*\*may contain spoilers*

### ***Russians queuing to watch Barbie:***

Barbie is banned in Russia. It is unfortunately not lawfully being showed in Russia. However, fortunately, Russians have been going to see it anyway. When asked many viewers simply stated that they were going to watch some obscure Russian short film. The way that many Russian cinemas in the capitol, Moscow, have been getting away with it is by pretending to air patriotic Russian films, however airing Barbie as a preview (essentially showing Barbie then a little 15 minute film at the end). One Russian cinema goer said when asked that "People should have the right to choose what they want to watch". In an interview with Russian MP Maria Butina, she said that she "had issues with Barbie as a female form," clearly as an front for trying to prevent her comrades from seeing the movie. If she had seen the film then she would have known that the entire point of The Barbie movie was to promote body positivity and women's rights.



### ***Studio Ghibli to release a new film:***

Studio Ghibli, renowned for their beautiful anime films, have many famous films in the past such as My Neighbour Totoro, Spirited away & now The Boy And The Heron. The film will be based loosely on the 1937 novel, How Do You Live, by Yoshino Genzaburo. The official synopsis is "There death comes to an end and life finds a new beginning". The film had a surprise release in July in Japan and without any traditional promotion still managed to set a box office record. Although Japanese reviews were mixed, the film procured a 100% on Rotten Tomatoes after the film aired at the Toronto Film Festival last month.

"I am looking forward to the new studio ghibli film."

- *George Moir*



Age:  
PG





# Music Review

## Top of the charts

1. Greedy  
*Tate McRae*
2. Paint The Town Red  
*Doja Cat*
3. Strangers  
*Kenya Grace*
4. Cruel Summer  
*Taylor Swift*
5. 3D  
*Jung Kook, Jack Harlow*
6. Bad idea right?  
*Olivia Rodrigo*
7. popular  
*The weekend, Playboy Carti, Madonna*
8. Un Preview  
*Bad Bunny*
9. Dance the night  
*Dua Lipa - Barbie album*
10. What was i made for  
*Billie Eilish*

## Review of: Évidemment

Évidemment is the French 2023 Eurovision song created by *La Zarra* that translates to obviously in English. Évidemment currently has 4.1million views on Eurovision song contest's official channel. This song starts with an intro and then heads straight into a verse with strings a blazing. As the song progresses into chorus, the instruments get more modern: bass guitar, drumkit, and backing vocals. I am sure we will all be hoping for the british singer to win, but we can all appreciate good music.

## Guess the song:



Voice

Vo.

Vo.

Vo.

**\*Answers will be on next week's puzzles page**



# Latest Tech News

## Safer brain surgery using AI could be possible in the next two years

A leading Neurosurgeon has said that Brain Surgery using Artificial Intelligence could be possible in the next two years, making it safer and more effective. Trainee surgeons are already working with the new AI technology, to learn more about precise keyhole brain surgery. This was developed at the University College London, and it highlights small tumors and critical structures such as blood vessels at the centre of the brain. The government are saying it could be “a real game changer” for uk healthcare. Learn more about Neuralink, a company working with brain chips, back in issue 40.

Brain surgery needs to be extremely precise, as going a millimetre in the wrong way, could kill the patient instantly. Avoiding damaging the pituitary gland at the centre of the brain is crucial as it controls the bodies hormones and any problems with it can cause blindness. "If you go too small with your approach, then you risk not removing enough of the tumour," National Hospital for Neurology and Neurosurgery consultant neurosurgeon Hani Marcus says. "If you go too large, you risk damaging these really critical structures." The AI analysed over 200 videos of this type of surgery, and took 10 months to reach the level of experience a surgeon would take 10 years to reach. The trainees that are learning of this say they are finding it “very helpful”. AI government minister says "AI makes everybody massively more productive whatever it is you do." He also said this type of technology could be a game-changer for healthcare, improving outcomes for everyone and offering a "very promising" future. The University College London is one of 22 universities that have recently been given government funding to help revolutionise UK healthcare. Engineers, clinicians and scientists are working together on the project at the Wellcome / Engineering and Physical Sciences Research Council (EPSRC) Centre for Interventional and Surgical Sciences.





# SPORTS NEWS

## Football

### Sheffield Wednesday sack Xisco Muñoz

On the evening of Wednesday 4th October, Sheffield Wednesday fire short serving manager Xisco Muñoz from the managerial role. Xisco proceeded popular manager Darren Moore, the previous Sheffield Wednesday manager. Darren now manages Huddersfield Town after his contract being terminated mutually at the start of the season, achieving promotion with The Owls the season before via playoffs, progressing to the Championship.

Sheffield Wednesday have had a poor start to their Championship campaign, still winless in 10 games. The fans also turned on the ownership of the club, as Dejphon Chansiri earlier stated he will not put any more money into the club. During a midweek game vs Middlesbrough, Wednesday fans hurled tennis balls onto the pitch, causing a lengthy pause in the game whilst stewards cleaned up the mess.

Xisco's backroom team have also departed the club with immediate effect.



Darren Moore

Xisco Muñoz



# Puzzles

## Riddles

Easy - What can you keep after giving it to someone?

Medium - You bought me for dinner but never eat me. What am I?

Hard - A man dies of old age on his 25th birthday. How is this possible?

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

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

$$\begin{array}{l}
 \text{Alligator} + \text{Eagle} \times \text{Alligator} = 110 \\
 \text{Camel} + \text{Alligator} \times \text{Camel} = 231 \\
 \text{Camel} + \text{Eagle} + \text{Eagle} = 31 \\
 \text{Alligator} \times \text{Camel} \times \text{Eagle} = ?
 \end{array}$$

## Last Issue's Answers

Riddles: Easy - All of them , Medium - A towel & Hard - the letter "r"  
 Music Guess the Song: Humpty Dumpty



# 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

### **Y10 - Oliver Lynch**

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

### **Y10 - Jared Van Schalkwyk**

Head of Graphic Design & Monthly  
Debate and Discussion Writer.

### **Y10 - Tom Brook**

Head of Marketing & Military  
News Writer.

## Writers

### **Y10 - Freddie Newton**

News writer (on break).

### **Y10 - Will Bruce**

Writer & Graphic Designer.

### **Y10 - George Moir**

Music & Media Review Writer.

### **Y10 - William Bradley**

Science & Environment News Writer  
& Around the World Writer.

## You can be here!

Email or ask a member of our team to join.