

THE HARROVIAN

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TIM FLACH EXHIBITION

Endangered Species, 7 March

Last week, Harrow was incredibly fortunate to host the world-renowned photographer Tim Flach to the Hill. Flach is known for his thought-provoking images of animals. His career has been committed to producing compelling and emotive photographs that document the biodiversity of our planet, and its endangered species and animals. Flach provided photographs of a Pied Tamarin for George Lucas, of *Star Wars* fame, who based Yoda on this delightful primate. Tim's photograph of a microscopic fish was also used in the design for the box for Apple's iPhone 6.

Flach's talk in OH Room to the Photography Society was followed by an exhibition in the Pasmore Gallery. The exhibition, entitled *Endangered Species*, contained 19 of his animal portraits, each with a harrowing extension message.



Flach's talk gave an interesting overview of his career and his thoughts on how his photography is viewed, how images make us feel, and how we understand and view photos. He discussed his approach to photography, and it was extremely interesting to hear his opinions and techniques, and how he expresses the animal's personality through interacting with his subject. He explained his interest in the notion of anthropocentrism and how humans centre ourselves in relation to animals, and make ourselves the centre of our world. When composing a photograph, he aims to lead people to the most empathetic details.

His exhibition in the Pasmore Gallery saw a bustling gathering of enthusiasts observing and enjoying his works. The 19 images on display showed in-depth views and imagery of different endangered animals. His images of species on the edge of extinction were juxtaposed with a narrative highlighting the realities faced by so many of them. Images in his exhibition included a bird called a Shoebill with an amazing death stare, as well as a beautiful Hyacinth Macaw, known as the blue parrot in the film *Rio*. The detail in the parrot's deep blue feathers were captured in flight from behind. These images captivated the variety and beauty in strange-looking creatures. A photograph of a Pied Tamarin was included in the exhibition. Pied Tamarins live only in a small area of the Amazon rainforest, which unfortunately has developed into a port where 2 million people now live.

We are extremely grateful to Mr Flach for allowing us to see some of his beautiful prints, his generosity of time, his thought-provoking talk, and an unforgettable exhibition.

TRIP TO THE BALTIC STATES

Lithuania, Latvia And Estonia, 11–17 February

Over the half-term, 19 Harrovians, led by KAF and Miss Morris (Lyon's Matron), travelled to the Baltic states of Lithuania, Latvia, and Estonia for an exciting cultural and linguistic excursion.

While the group spent most of the first day travelling from Luton to Vilnius, the capital of Lithuania, we were treated to a late-evening ghost tour around some of the Old Town, getting to see the Grand Ducal Palace, a series of Gothic, Neo-Classical, and Baroque churches, and Gediminas' Tower, which proved a particularly ominous sight looming over the Vilnius skyline in the dead of night. Having had a brief introductory tour of Vilnius on the previous evening, the morning served as a more comprehensive look into the history of the city through its architecture, from the hills and forts that served as bases for the earliest Christian crusades against the heathen Baltic tribes (partially led by England's own Henry IV), the period from the 16th to 18th century when Vilnius was one of the capitals of European culture, with the country being part of the Commonwealth of Poland and Lithuania, to the Nazi and Soviet occupations. Alas, our stay in Vilnius was a brief one, as we only had a week to visit and appreciate all the Baltic States. It seems appropriate to quote KAF when assessing Vilnius: "It feels very Polish". Despite KAF's obvious Polish patriotism, it stands as a fair assessment. Vilnius certainly felt identifiably European, with her picturesque Old City, winding ways and the aesthetic mix of 17th-century, 19th-century and early 20th-century homes, palaces and churches.

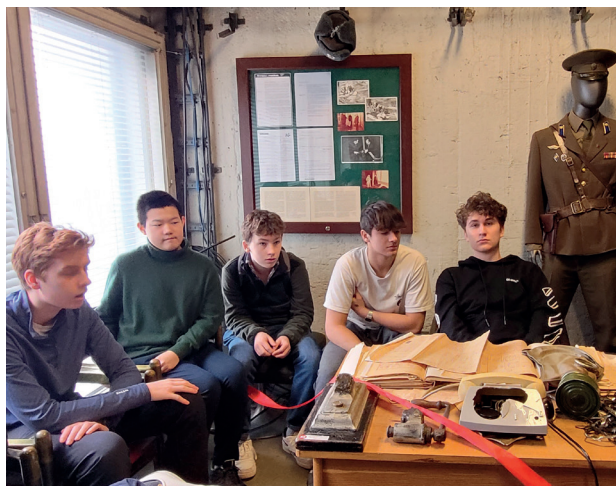
A stifling coach journey consumed the afternoon, broken up by a brief visit to the Trakai Castle, a Teutonic fort later repurposed into a palace for the Grand Dukes of Lithuania (though some boys seemed more infatuated with the partially frozen lake around the castle, rather than the wealth of 15th-



century history). After this historical rest stop and KAF dishing out threats of being sent home in a coffin to any boy caught messing about on the frozen lake, the bus journey resumed progress to Riga.

The River Daugava distinctively split Riga's Old and New Towns; a mix of 16th-century churches, 19th-century architecture, Art Nouveau and Art Deco styles dominated the Old side. During the walking tour around Riga, we took in a breathtaking view of the entire city from the steeple of St Peter's Church, marvelled at a selection of sublime sculptures and memorials (to events ranging from the establishment of the Bishopric of Riga to Latvian Independence in 1919), and visited parks. A tour of the Riga KGB Museum was cut somewhat short as a result of certain creative differences between the tour guide and some of the Fifth Formers, but this was more than made up for by a quick lunch break at the local bastion of Latvian cuisine, McDonald's, and then a tour of the Latvian Parliament, the Saeima. The boys and beaks received an excellent tour of not only the Saeima but also the broader political landscape of Latvia. The halls of power of Latvia were hardly where our deep dive into the politics of Latvia finished. We quickly walked to the Foreign Ministry, preceding a talk by Viktors Makarovs, Special Envoy on Digital Affairs. Naturally, everyone learned a lot about the politics of governance in the digital age and the nature of cyberwarfare in the 2020s, with Latvia's tense relationship with her Russian-speaking minority and Russia. We also discussed free speech and disinformation. The boys were shattered after visiting another museum concerning the re-establishment of Latvian sovereignty in 1991 and a trip to Uncle Vanya's, a restaurant. Suffice to say, the prospect of the five-hour coach trip to Estonia the following morning did not warm the hearts of many.

However, instead of just one long journey up to Tallinn, we made a brief detour to the town of Ligatne. Ligatne is a small, unassuming Latvian hamlet, and some boys were quite confused when we entered the village's 1970s spa hotel. A somewhat bombastic guide quickly alleviated confusion about why we were there: underneath our feet was a fully functional, pristine Soviet nuclear bunker. For around an hour, perhaps one of the most eccentric and energetic tour guides in the world took us around and explained the intricacies of a Soviet nuclear bunker.



The guide also elected Miss Morris as the new Chairman of the Presidium of the Supreme Soviet of the Latvian Soviet Socialist Republic! After this fascinating and vaguely threatening tour of a Cold War bunker, we picked up lunch and hit the road.

The arrival in Tallinn, Estonia, was sombre. But the prospect of *pelmeni* soon warmed all Harrovian hearts! Having made the *pelmeni* ourselves under a watchful eye of a Ukrainian chef, we settled down to the lovely *borsch* and *pelmeni* we had made before finally returning to our Estonian abode for some rest.

On 15 February, we went on a walking tour of the Old

Town of Tallinn, including a brief look into a pristine and somewhat iconodule Russian Orthodox church and a tour of a KGB museum. We heard an absolutely stunning talk from Lale Parek, the first Minister of the Interior of an independent Estonia. Ms Parek's story was genuinely moving, visibly so for some Harrovians, as she detailed the time she and her family spent in Siberia during the Baltic deportation, the excruciating experience of Estonians under Soviet repression when all the prosperity of the West was just a stone's throw away in Finland, and the difficulties of trying to promote reconciliation between those who collaborated with the Soviets and those who fought for an independent Estonia. Following this fascinating meeting, we enjoyed a delicious dinner in the Odessa restaurant and an ice-skating session on a picturesque ice rink in the Old Town.

After a thoroughly Estonian day, followed by a few hours spent in the Open-Air Museum on the shore of the Baltic Sea the next morning, we were given a glimpse of home and Harrow with a visit to the King's Royal Hussars' NATO Base in Estonia. Having handed in all our phones (to guarantee that no entrepreneurial Harrovians could take on the role of an accidental espionage agent), we were given a talk, by the brother of an Old Parkite, about the purpose of the NATO base and the British presence. We then got to observe, in person, a Challenger 2 and a Danish Leopard in action, which was simply wonderful. After a talk and a climb in and around a Challenger 2, the soldiers explained a particularly contemporary set of military equipment: the Javelin and NLAW. Finally, we enjoyed a lovely hot meal in the base canteen and, after a brief chat with Alex Worth, an OH currently serving at the NATO base in Tapa, we returned to our hotel rooms to pack for our departure.

17 February began with a mission to a Russian-speaking school in Estonia, where a group of brave Fifth Form and Lower Sixth boys delivered a presentation about Harrow in Russian before engaging in a pre-Maslenitsa feast of delicious pancakes made by one of the teachers. A marzipan-making masterclass followed before a thoroughly exhausted gaggle of Harrovians boarded the plane leaving Tallinn and returned to England.

Thanks must go to KAF and Miss Morris for organising and managing the trip and increasing the boys' cultural insight and knowledge. The trip, while somewhat tiring, was thoroughly enjoyable and has made all who attended more rounded and slightly better linguists!

Our gratitude also goes to the Latvian Embassy in London, in particular to Ms Ivita Burmestre, the Ambassador of Latvia to the UK and her colleague Arturs Saburovs, for all their help with organising the visit to the Ministry of Foreign Affairs of Latvia and the Latvian Parliament; to Colonel Patrick Allen for his help with organising our visit to the NATO base in Tapa as well as all the officers who kindly hosted us there; to all our local guides and, last but not least, to everyone at TCBC, the company that helped KAF to organise yet another fantastic trip for the Harrovians.



COMPUTER SCIENCE SOCIETY

'Cyberwarfare: Replacing Rifles with Keyboards'

Maxim Van Aeken, Newlands, 2 March

The Computer Science Society met on Thursday to hear a talk by Maxim Van Aeken, *Newlands*, on the subject of cyberwarfare. Cyberwarfare denotes use of technological force between nations or states to cause disruption or destruction of computer systems.

Van Aeken detailed the types of cyberwarfare that are used and how countries should prepare for them.

He started with espionage, the monitoring of other countries to steal secrets. Espionage can involve the usage of BotNets, where a computer sends viruses to other computers, and spearfishing, where social engineering attacks are used to access systems without authorisation. Van Aeken then discussed the differences between spearfishing and phishing, such as how spearfishing involves more specific targeting of an organisation. Van Aeken then talked through sabotage, which is where sensitive information is compromised, stolen or destroyed.

DoS (denial of service) attacks were next, and involve flooding fake requests to a server to prevent normal user access. This is essentially overloading the website, and can disrupt critical systems and services. The first documented DoS-style attack occurred during the week of 7 February 2000, when Michael "mafiaboy" Calce, a 15-year-old Canadian hacker, orchestrated a series of DoS attacks against several e-commerce sites, including Amazon and eBay. DDoS attacks are the 'distributed' form of DoS attacks, where the requests are sent from a network of computers to make it more difficult for a server host to recover.

Economic disruption is the targeting and attacking of a payment system. This involves targeting financial services such as banks, stock markets or payment providers. Van Aeken exemplified how a payment failure terminal at Dave's or Hill Shop would probably cause Harrovian society on the Hill to screech to a halt.

Van Aeken continued by giving examples of cyberwarfare attacks in the past. He began by introducing Stuxnet, a powerful computer worm virus designed by US and Israeli intelligence to disable a key part of the Iranian nuclear programme. Its development began in 2005 and was finished in 2010. Stuxnet was spread via USB flash drive, and its objective was data acquisition. It reportedly spread to 90% of computers in an Iranian intelligence centre after USB flash drives were distributed to employees at the agency. Van Aeken noted how this was a necessary approach as computer systems of this importance are rarely connected to the open internet, making a remote attack difficult.

It was at this point that the projector in CMC's room failed, and despite best efforts from DJE, the society was forced to relocate to another lab. Perhaps this was a prime example of a cyber attack.

Van Aeken then continued, discussing the 2014 Sony Entertainment hack. Earlier that year, Sony Pictures had released a satirical film called *The Interview*, which contains screenplay of an attempted assassination attack on North Korean leader Kim Jong-Un. Sony was later hacked, and workers were greeted by the message 'You were hacked by the #GOP', referring to the "Governors of Peace". Allegedly, North Korea was able to steal 100Tb of data from Sony. US officials were able to link the code used in the virus to state sponsored North Korean hackers. The ransomware also demanded that all screenings of *The Interview* be cancelled, along with a Bitcoin ransom.

Van Aeken finished by examining the role of hybrid warfare in our evermore digital world. He mentioned how websites have been taken down, defaced and hacked as part of the ongoing conflict in Ukraine. The Fancy Bear Russian cyber espionage group were able to disable 80% of Ukraine's D-30 Howitzers. In order to prepare for such attacks, Van Aeken suggested how an organisation might attempt to use white hat hacking to DoS

attack its own systems and use a layered approach to building systems that are more resilient to cyber attacks.

"The world is clearly not prepared for cyber warfare", Van Aeken concluded.

A-LEVEL PHOTOGRAPHY EXHIBITION

The A-level Photography exhibition was true testament to the artistic talent and creative spirit of the Lower and Upper Sixth students at Harrow. The event lasted for one hour and consisted of a stunning array of large-scale photographic experiments, each showcasing individual themes and ideas. The works on display exemplified the students' ability to experiment and push the boundaries of traditional photography techniques, creating unique and captivating images.

The Lower Sixth students have become well acquainted with both Lightroom and Photoshop, using these softwares to develop and refine their work. Through their use of collage, they have learned how to effectively adjust exposure, colour balance and other image parameters to create the desired look for their photographs. With this new-found knowledge, the Lower Sixth have been able to take their photography a step further, using the software to enhance their images and to explore new creative avenues.

The Upper Sixth continued to develop their skills with both programs. Their advanced knowledge allowed them to combine their technical expertise with their creative vision, resulting in works of art that showcase their mastery of the medium and their passion for photography.

The exhibition was a celebration of the students' creativity and imagination, and it provided a valuable insight into the artistic potential that photography can develop and foster in young people. The large-scale images were truly awe inspiring, and their impact was heightened by the intricate details and the subtle variations in light and shadow that the students had expertly crafted. The exhibition was testament to the students' ability to take their photography skills to new heights, and to challenge themselves and their audience with thought-provoking and inspiring works of art. Moreover, it reflected the support and guidance offered by the beaks and their own peers. It was a wonderful opportunity for the students to share their work with the wider community, and to inspire others to explore their own creative potential.

AVIATION SOCIETY

Silver Spitfire – The Longest Flight, 1 March

On Wednesday 1 March, the Aviation Society held an event in Speech Room titled 'Silver Spitfire – The Longest Flight'. This was a film screening followed by a short Q&A. It began at 7pm with an introduction from Ben Uttley (*Moretons 1991*³) himself, the director and producer of the film.

This documentary-style film started with a short history of the Spitfire; they would fly on the record-breaking journey across the world. The Spitfire is a single-seater fighter aircraft used by the Royal Air Force and other Allied countries. In some sense, this was the most impressive British plane ever, because it was the only British fighter plane to be in continuous



production throughout World War II, with greatest number of planes produced, more than any other British aircraft.

The specific plane that was used on the journey was manufactured by Vickers Supermarine Ltd in 1943 in Castle Bromwich, UK. The serial number was CBAF IX 970, and the original registration was MJ271. This specific plane is iconic because it flew 51 combat missions during its career and was about to undergo another significant journey. After redecoration and de-militarisation, such as removing guns, the new registration was G-IRTY, hence the nickname Girty used by the crew. It was a Mark IX Spitfire, finished in polished aluminium to highlight the timeless beauty of the design. They felt that this new polishing would be better than using camouflage, so people would notice the unique shape of the airframe. This plane was an iconic symbol for many across the world, because it was used in battles that saved many countries beyond Britain. In one of the countries in which they landed, the pilots were treated as VIPs because of this.

The team spent months preparing for this journey, as they had to make complicated plans regarding the exact route and optimal weather conditions, and make adjustments to the plane so that it could fly such long distances. The Spitfire is typically a short-range plane, definitely not designed for this prolonged flight.

The pilots were Matt Jones, Steve Brooks and Ian Smith. As the Spitfire was a single-seater, they flew another aircraft with the Spitfire, acting as a support plane. Matt Jones and Ian Smith piloted this support plane when they weren't flying the Spitfire. One of the pilots had a wife who was expecting a child, and that baby was being born when they were on the journey, so the pilot was quickly flown back to the UK to be with them, leaving only two pilots.

On the day that they were about to set off, the flight crew and their families were emotional because this journey would last at least four months if everything went smoothly. So they set off from Goodwood Aerodrome and headed to Scotland, where they were met with open arms. They landed at the Faro Isles, Iceland, Greenland, Canada, USA, Russia, Japan, Taiwan, Hong Kong, Vietnam, Thailand, Myanmar, India, Pakistan, UAE, Bahrain, Kuwait, Jordan, Egypt, Greece, Italy, Germany, Holland and, finally, back at the UK.

The place where they had bureaucratic trouble was Hong Kong. Because the plane was only able to fly five hours before refuelling, they had to keep their air distance at two and a half hours so that they could fly back if they faced trouble at the new airfield. Hong Kong had denied permission to land and refuel when they requested it before the journey, and they simply had nowhere else to reroute to. The journey from Taiwan to Hong Kong was 2 hours and 45 minutes, slightly over the maximum, and they were nervous about doing this stretch since they couldn't turn back. When they flew to Hong Kong, they

asked ATC for permission, which was luckily granted. The crew at the airport gave them two barrels of fuel. This was a miracle because Hong Kong International Airport is one of the busiest airports in the world, and they had to follow a really tight schedule to make everything work.

Another close call was at Japan, where Typhoon Faxai had formed on the date that they were supposed to fly to their next destination. This delayed everything, and they were in trouble because the next airports were expecting them on a certain date, and if they didn't meet that then they could have been stranded there for weeks, even months. They decided to persist with the journey and luckily missed the typhoon, because the Spitfire was not able to fly through rough weather, especially not at this scale.

There was rapturous applause at the end of the film and finally, the team present in Speech Room recounted one of their most thrilling experiences, the stretch between Taiwan and Hong Kong (for the reasons above).

TEA SOCIETY

*Arthur Yang, West Acre, 'Growing and processing tea',
2 March*

On 2 March, Arthur Yang, *West Acre*, addressed the Tea Society on the topic of 'Growing and processing tea'. Yang started by introducing the two fundamental factors that determine the flavours and aromas in tea: the environment in which the tea is grown, and the way the tea is processed. The alteration of the flavour of tea leaves is achieved by the formation, balance and transformation of two types of chemical compounds: nitrogen-based amino acids and carbon-based polyphenols. Amino acids provide the tea with a fresh and sweet flavour, most from significantly theanine, an amino acid found only in tea leaves. Polyphenols give a grassy bitterness to the tea and can be oxidised to become less astringent and more rounded.



Yang then started to explain the environmental factors that can affect the formation and balance of these chemicals. First among these is precipitation. Tea trees need around 1500mm of rainfall each year and at least 100mm each month in order to maintain healthy growth. They also need around 70% moisture in the atmosphere to absorb enough water. The second factor is temperature: tea tree growth peaks at around 20–30°C, but tea trees stock up more nutrients when it's colder and suppress growth, which results in higher nutrients in the new sprouts as the weather turns warm again. Therefore, colder temperatures in the winter may result in better quality tea harvested in spring. Tea trees also need plenty of purple and blue light to encourage the formation of amino acids. Tea plants thrive best in well-drained soil at around pH 4–5.5, with plenty of vegetation surrounding them to provide dead organic material in the soil as a source of nitrates and shelter from strong radiation. Furthermore, as tea trees migrated from their native Yunnan, they became smaller and less tropical, with a decreased life span, and when they were introduced to India and Africa their leaf size increased again to accommodate the more tropical climate. Yang went on to outline the ideal conditions for growing tea: high altitude woodlands where tea trees are native and adapted to the variety with appropriate rainfall levels, sunshine and soil conditions.

After a second serving of the wonderful tea that Yang brought with him, the lecture continued. Yang explained the six fundamental procedures of processing tea, and how each of the six varieties of tea are processed using a combination of these techniques. These include the withering and drying of leaves, usually underneath the sun. Pan-frying serves to kill the oxidase enzymes in the tea leaves so all oxidation can be stopped. Rolling bruises the leaves and allows enzymes to fully oxidise the polyphenols; also, it determines how easily the flavour of the tea is extracted as rolling ruptures the cells and allows the flavours to be released more easily. Oxidation, in which the tea is placed in a room with high humidity and temperature to encourage enzyme activity is frequent. In some cases even beneficial microbial processes occur. Drying mainly serves the purpose of preserving the tea for longer, it plays important roles in the production of teas like lapsang souchong, which is smoked instead of baked and sells as one of the most expensive black teas in China because of its distinct flavour. The final process is that of bruising, unique to oolong, where the tea leaves are rolled around in a basket so that the edges of the leaves are bruised and oxidised, and the rest of the leaf stays unoxidised.

Finally, Yang explained how these different processes are combined and adapted to produce the six varieties of tea: white, green, yellow, oolong, black and post fermented. He also touched on how the time and frequency of harvest is also important in determining of the quality of tea, and how different teas are harvested at different seasons and at different frequencies to obtain the optimal balance of flavour. He ended with a warning to not drink mouldy tea (sometimes falsely advertised as refined taste or pu-erh) and a round of questions. This lecture was an example of the excellent taste of the tea society in both beverage and boy.

HERE AND THERE

Vincent Song's, *The Head Master's*, entry to the Bank of England's Innovation Competition has been selected as the winner. Song created a five-minute video, addressing how artificial intelligence can shape the mission of the bank. The prize is a six-week paid internship at the Bank of England.

METROPOLITAN

TWISTS AND TURNS

Fin and his team walked up to the seats and sat down in their V-formation, Fin being at the front. Fin had received orders from Ark to engage in another simulation. Before them was the enormous curved glass window looking into space, a view that they had all grown indifferent to. In the abyss sat their old home, Earth. Ark, the mastermind behind the Base, wanted Fin and his team to get some more practice for the internal tournament coming up the next week, and so ordered them to simulate against Earth – the hardest simulation setting, rather than the usual Buggers.

Fin was by far the most skilled coordinator and strategist on the whole Base, winning the team-based Laser tag competition in his first year when he was years younger than his opponents. He boasted the best stats out of any team commander and hadn't lost a simulation or a real battle in his entire career on the Base. He had surpassed every single person and achieved every single thing there was to achieve on the Base, but he was a loner.

While people idolised Fin, he was anti-social – an introvert. He was always focused on doing well as a commander and never spent time trying to talk to people outside of simulations or battles. He only had one friend, Val. Fin hadn't seen Val in long time, almost 7 years when he left for the Base to train. Fin missed her and wanted to retire, but Ark loved Fin's skills and admired him, and had convinced him to stay for another couple years.

Fin resented being on the Base, feeling more and more useless every day and wanting to get back to Earth more and more – back to Val. However, Fin being a master strategist, had a plan. He put his helmet on and slid the visor down over his eyes. He stared out at Earth longingly, and pressed start.

It started slow, Fin letting his team go through some very standard tactics and strategies. He waited for things to ramp up, for his team to start struggling. He sat there, staring past the battlefield at Earth, reminiscing about past memories with Val by the lake. He heard the familiar beeping sound. His team signalling for help. Fin sat up and cracked his knuckles, placing his hands on his commander's controls.

It didn't take much effort for Fin to turn the tide of the battle. Besides, it was just a simulation, so he didn't even have to try his hardest. He let his hands go and swung his arms from side to side to stretch his back, catching a glimpse of the huge door to the control room he had entered from. He saw the big red bar by the side of the door. 'Locked?' he thought, 'weird.' It was just a simulation so there was no need for the doors to be locked. Fin signalled for his team to take over control, getting up and running to the door to unlock it, not bothering to take off his helmet.

He tugged at the door, but it didn't open. Fin started to panic. This was a serious problem. He couldn't signal outside to get the door open, so he was locked in the control room with his team. Even if they stopped the simulation, they were still locked in. Fin ran back to his seat and got right back into the action; the battle having increased in difficulty immensely within a mere minute. It was getting difficult, even for Fin now. He wouldn't be able to last long if it continued getting harder. His mind raced, then he remembered his plan. His heart thumped heavily, feeling it pulsate on his chest through his suit. This would be it, the end of his career. His fingers gripped the joystick, his thumb shaking above the button. He stared at Earth again, thinking of Val, and pressed the button.

He heard the whoosh of the missile fly from the bottom of the Base. Fin started to sweat. He started to hyperventilate. He

had to get this right. He guided the missile past the ships of the simulation towards Earth, getting closer each second. His teammates shouted, they screamed, confused as to what he was doing. Then it hit. They saw the clouds of smoke. His team was in shock, but Fin was satisfied. He thought to himself, 'I've done it, I've guaranteed the end of my career.'

He looked up at the little glass window the Ark was watching from, and he saw him smiling. 'Why is he smiling?' Fin thought, 'surely since I "cracked under pressure" I shouldn't be a commander anymore.'

He slid the visor off of his eyes.

And then he saw the smoke.

I/O TRIUMPHE

The *aurora borealis*, more commonly known as the Northern Lights, were visible over the UK on Monday and Tuesday. Seen as far south as Kent and Cornwall, you had to be lucky with cloud cover to see the full effect. The light show is caused by solar winds interacting with Earth's magnetosphere, the region of space around Earth where charged particles are affected by Earth's magnetic field. These charged particles are accelerated by the magnetosphere in the direction of Earth's magnetic fields. As the particle accelerates, its pitch angle decreases, increasing its chances of being precipitated into the atmosphere. The green auroras are caused by the emission of a photon from oxygen, and blue auroras caused by nitrogen and oxygen molecules regaining ionised electrons. Astronomers predict that the Northern Lights will be seen more frequently over the next two years as the sun approaches a solar maximum. The sun's magnetic field goes through an 11-year cycle, which is expected to peak in 2025. However, the increasing amount of particles coming from the sun also poses a risk to power grids and airplanes, but at least we get more Northern Lights.

On Tuesday, a EasyJet pilot made headlines for turning his plane around to allow passengers on both sides of the cabins to see the lights.

OLD MORTALITY

By Sir Walter Scott

Herewith an extract submitted by an anonymous beak, to prove that there is nothing new under the sun.

"Most readers," says the Manuscript of Mr Pattieson, "must have witnessed with delight the joyous burst which attends the dismissing of a village-school on a fine summer evening. The buoyant spirit of childhood, repressed with so much difficulty during the tedious hours of discipline, may then be seen to explode, as it were, in shout, and song, and frolic, as the little urchins join in groups on their play-ground, and arrange their matches of sport for the evening. But there is one individual who partakes of the relief afforded by the moment of dismissal, whose feelings are not so obvious to the eye of the spectator, or so apt to receive his sympathy. I mean the teacher himself, who, stunned with the hum, and suffocated with the closeness of his school-room, has spent the whole day (himself against a host) in controlling petulance, exciting indifference to action,

striving to enlighten stupidity, and labouring to soften obstinacy; and whose very powers of intellect have been confounded by hearing the same dull lesson repeated a hundred times by rote, and only varied by the various blunders of the reciters. Even the flowers of classic genius, with which his solitary fancy is most gratified, have been rendered degraded, in his imagination, by their connexion with tears, with errors, and with punishment; so that the Eclogues of Virgil and Odes of Horace are each inseparably allied in association with the sullen figure and monotonous recitation of some blubbing school-boy. If to these mental distresses are added a delicate frame of body, and a mind ambitious of some higher distinction than that of being the tyrant of childhood, the reader may have some slight conception of the relief which a solitary walk, in the cool of a fine summer evening, affords to the head which has ached, and the nerves which have been shattered, for so many hours, in plying the irksome task of public instruction.

LOVELESS

Love is a prevalent theme throughout pop culture. Even as I write this article, I am listening to *As The World Caves In*. The artist is singing to the person they would lie with as the atom bomb locks in, essentially, professing their love to their person.

Personally I think that the West has a rather warped view as to what love is and how to attain it. Love is supposedly this huge, unattainable goal that exists to be chased. Some people find true love, their person that they wish to live with together, the person who fills them with adoration and emotion when they meet.

Coincidentally my song has changed to *I Hear a Symphony*, describing how the person the artist is in love with has changed their simple life in to one full of complexities and emotion, changed their simple melody into a symphony.

And yet in real life, so few seem to attain this concept of true and perfect love. There are many reasons for this. For one, everyone has their flaws. The people that you think are perfect live as complex and difficult lives that you do. That sentence is easy to say, but difficult to hear. Trust me, I know. There are people whose lives you see from a narrow perspective, whose lives seem so beautiful from where you stand, but what they seem like and what they actually are like are very different things.

Another song is playing. *I Wish You Were Gay*, by Billie Eilish. It is a perfect example of longing and desperation. Eilish is longing after a person who seems to never see her. She describes her frustration and anguish, she seems to have found someone to love, but the love is not reciprocated. She wishes that the person she longs for were gay, so that she could be with her.

So many nights longing for love, hurting with heartache. Looking to social media and seeing these beautiful people with beautiful lives and beautiful love, I want that love. We all want that love. The person that we know fits perfectly with us. It fills us with want.

A new song. *Love Like Ghosts*, the first two lines shockingly relevant.

Yes, I know that love is like ghosts

Oh few have seen it, but everybody talks

These lines are everything. I could explain it, the analytical side of me is begging, but it is beautiful without explanation.

Love is a beautiful thing, but it is hard to find. Love is what we all chase, for it is the perfect whole. We long for love, for family. love is the reason to live.

Quand il me prend dans ses bras

Qu'il me parle tout bas

Je vois la vie en rose

CHESS

The weekly puzzle set by JPBH.
Black to play and mate in 3 moves.



Last week's answer: 1. Qf8+ Kh7 2. Nf6#.

Interested in chess? Come along to Chess Club, 4:30 – 6pm on Tuesdays and Thursdays in MS 5. All abilities welcome!

SUDOKU

Medium

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

SPORT

FOOTBALL

1st XI v Berkhamsted School, away, Won 3-1, 11 March

This was one of the best performances by the 1st XI this year. Harrow began this game positively. They were on the front foot from the start with Kyan Simpson, *The Knoll*, getting up and down on the left wing and seeing plenty of the ball. Harrow opened their account with a delightful strike from Simpson, the keeper helpless as he picked out the bottom-right corner from 15 yards, after a perfectly placed cross by Charlie Young, *Newlands*.

Harrow's second goal was taken from the penalty spot, after Kitan Akindele, *Newlands*, was fouled when through on goal. Simpson sent the keeper the wrong way, to get his second of the day.

Berkhamsted clawed one back after half-time, but a spirited Harrow defence, led by captain, Elliott Taylor, *West Acre*, prevented Berkhamsted getting back in the game.

Going forward, Harrow looked incisive and clinical. A calm and collected strike from Akindele, with an assist from Man of the Match, Walid Nsouli, *The Knoll*, settled the fixture with an impressive 3-1 victory for Harrow.

All in all, a well-deserved win for the 1st XI.

2nd XI v Berkhamsted School, away, Lost 1-3

Harrow started with energy but quickly realised that it was likely to be an attritional game as Berkhamsted sought to make play difficult by parking five at the back and looking to play on the counter. A quick transition caught our defence out as Berkhamsted were able to skilfully slot the ball past Caspar Baker, *Moretons*. Harrow responded well and were sharpened up as the half went on. Max Baygual-Nespatti, *Elmfield*, came close with an excellent left-foot shot whipped from the edge of the box, which clattered the post. Harrow would find the woodwork twice more that half but could not break through.

Harrow started the second half well with much sharper play and better use of width. Kurran Calvert-Davies, *Druries*, came close with a free kick as well as a chance through one on one against the keeper but was denied on both occasions. With the long ball seemingly mitigated, Harrow continued to apply pressure and were rewarded after Calvert-Davies skilfully chipped the ball into the net after putting pressure on the keeper with a cool finish. As the half rumbled on, Harrow began to fatigue and an unfortunate passage of scrappy play resulted in a penalty after Harrow were left exposed at the back. This left Harrow 2-1 down with ten to go. Hopes of a comeback were quickly dispelled after Berkhamsted converted a free kick from the edge of the box.

A disappointing result despite playing some good football at times. Onto St Pauls for our last game of the season.

3rd XI v Berkhamsted School, away, Lost 1-2

Last Saturday afternoon, the Harrow 3rd XI took on Berkhamsted School in a closely contested match that saw both teams battle hard for the victory. The game started with high intensity, and it was clear from the outset that the teams were evenly matched.

Harrow's goalkeeper, William Wright, *West Acre*, made some crucial saves early on to keep the scores level. Meanwhile, the backline, comprising of Jude Esposito, *Newlands*, Alexander Cox-Lang, *The Knoll*, Tobi Olorode, *Elmfield*, and James Amihyia-Marsden, *West Acre*, worked tirelessly to prevent any clear opportunities for the Berkhamsted attackers.

In midfield, Alnur Abuov, *Druries*, Cameron Childs, *Newlands*, and Melvin Ackah, *Newlands*, battled hard to control the game's tempo and create chances for the forwards. Leon Mills, *Newlands*, and Arthur Porter, *Druries*, worked tirelessly on the wings, while Zak Banton, *Newlands*, and Sam Pound, *Rendalls*, spearheaded the attack.

Harrow eventually broke the deadlock through a set-piece. Childs delivered a dangerous corner that was chested down to Porter by Mills. Porter then smashed the ball into the net, giving Harrow a 1-0 lead. Several more chances followed, including a rocket from Ackah, which was somehow tipped over the bar, and Harrow ought to have extended their lead by half-time.

However, it was Berkhamsted who responded in the second half with two well-taken goals. Despite Harrow's best efforts to find a late equaliser, the home side held on to claim a 2-1 victory.

The Harrow 3rd XI can take heart from their impressive performance and the manner in which they played until the final whistle. While the result may not have gone their way, they can be proud of their efforts and take the positives into their final match of the season.

4th XI v Berkhamsted School, home, Won 5-1

Harrow continued to remain unbeaten and finished their season at Home in style with a comprehensive 5-1 victory. After two great chances, Fin Smith, *Lyons*, found the back of the net twice in quick succession. Ollie Miall, *Newlands*, then added a third with a superb solo effort. Berkhamsted, however, remained dangerous up front and following an excellent through pass behind the Harrow defence, the opposition pulled a goal back. With the game in the balance the next goal was crucial. Olly Hills, *The Head Master's*, continued his excellent recent performances and made two good saves to help Harrow maintain their lead. After two chances were missed, Miall then scored his second of the day. Paddy Elliot, *Druries*, then added the fifth with a calm finish. Another excellent victory and a man of the match performance from Bode Kolawole, *Newlands*, in defence. Harrow will take great confidence going into their final match of the season against St Pauls.

5th XI v The Leys School 1st, away, Lost 1-6

A much-depleted in strength 5th XI made their way to Cambridge to play The Leys School 1st XI. Harrow started strongly and had the lion's share of position. With around five minutes to go, the home side broke the deadlock with a 25 yard strike which was followed by a second a couple of minutes later. Unfortunately, Harrow were unable to keep up the good play during the second half and conceded another two goals earlier in the second half. A goal was scored midway during the second period by Harrow but unfortunately the finishing was just not incisive enough to launch a serious comeback. Two further goals were then scored by the home side just before the end of the match.

Colts A v Berkhamsted School, home, Won 3-1

A strong performance with an excellent cameo from Olly Rezek, *Druries*, that changed the game in Harrow's favour.

Colts B v Berkhamsted School, home, Lost 0-1

Colts C v Berkhamsted School, home, Lost 2-3

A good display against a tough opponent despite two well-taken goals from our potent attacking trio.

Colts D v Berkhamsted School, home, Lost 3-5

A competitive fixture played in good spirit. Player of the match Ulysses Hu, *The Head Master's*.

Junior Colts A v Berkhamsted School, away, Won 3-1

The boys went into this game with a desire to win, coming off

the back of a performance that was well below their standards. The game was kicked off by Harrow, who would see a lot of the ball, dominating the possession and threatening the Berkhamsted defence from early on. The Harrow dominance payed off after a flick on from Rocco Addati, *The Knoll*, slipped Jesse Eledan, *Newlands*, through one on one with the Berkhamsted keeper, which he tidily finished, making it 1-0 midway through the first half. Harrow did not take their foot off the gas and created many more goal-scoring opportunities, but none were able to find their way into the back of the net.

The second half was kicked off by Berkhamsted who started with a new aggression and started to give the Harrow defence a challenge, but this died down as time went on. A second goal was scored for Harrow by Lase Akindele, *Newlands*, who was at the end of a dangerous cross from Peter Ballingal, *Moretons*, to make the score 2-0. Berkhamsted began to play again, getting into the final third regularly. A few good stops from Seb Pesel, *Moretons*, however, were enough to keep the Berkhamsted attackers at bay. The mood of the game was turned dramatically as a questionable decision from the referee lead to a penalty goal for Berkhamsted. The Harrow boys knew that they could not afford to lose the game and reapplied the pressure, with the attackers running at the defenders and causing them problems. As the game was coming to a close, a lofted cross from Diego Castellano Burgera, *Rendalls*, was met by Simon Michael, *The Grove*, who headed it into the far top corner to seal the win for the Harrow team.

Overall this was a very strong performance from a top Junior Colts A team. There were plenty of positives to take from the game after a good win against a strong side.

Junior Colts B v Berkhamsted School, away, Draw 2-2

Junior Colts C v Berkhamsted School, away, Lost 2-3

A close, end-to-end match that could have gone either way in the final stages with incisive, scything runs and through balls for Walton, *West Acre*, Mulqueen, *Bradlys*, and Harry Schneider, *Elmfield*. However, the slow start proved to be their downfall, with three goals just too large a hurdle to overcome.

As expected, Berkhamsted proved the toughest opposition of the season. They were a self-disciplined group of young men, confidently making the most of the home advantage, slotting the first after just three minutes before adding a second only ten minutes later. Despite fluid and competitive training during the week, Harrow were a shadow of their best selves, ghosting from one space to another. Disjointed, very few players took responsibility for closing down opposition players. The few times we did looked promising and proved it would not take much to force mistakes. It took 22 minutes for the Harrow machine to click into action and when it did the collection of supporters finally had a game on their hands worth watching. Mulqueen took his goals well either side of half-time, lurking onside in the pocket to follow up with two well-guided shots from point-blank range – both a rebound from the keeper.

Ultimately, Harrow can claim to have won the last 45 minutes 2-0, but the overall match statistic is inescapable: an important life lesson, no matter the task in hand...a slow start, failure to grasp the nettle, can often prove our downfall; it was too much to rectify.

Junior Colts D v Berkhamsted School, away, Lost 1-3

A slow start cost the Junior Colts D in this tricky fixture against a physical Berkhamsted side. Playing the superior football for much of the game, the Junior Colts D struggled to convert in the final third despite some good attacking moments from Alp Erkazanci, *Newlands*, and Xavier Majumdar, *The Knoll*. Tosin Oyegade, *Moretons*, was player of the match with a good defensive performance, capped off with an impressive goal.

Junior Colts E v Berkhamsted School, away, Lost 0-6

An understrength JCE team was no match for Berkhamsted on their own turf!

Yearlings A v Berkhamsted School, home, Won 3-0

Harrow ran out 3-0 winners in a dominant display against Berkhamsted thanks to fine strikes from Damon Chiu, *Newlands*, Auberon Dragten, *Rendalls*, and Daniel Sam, *Rendalls*. Man of the match was Lucian Spencer, *Elmfield*, with a commanding midfield performance.

Yearlings B v Berkhamsted School, home, Lost 3-4

Despite three screamers from Nicholas Katsambas, *The Head Master's*, Jimi Olunloyo, *Moretons*, and Seb Aucott, *Lyon's*, the Yearlings B slipped to defeat in a ding-dong affair that ended 4-3 to Berkhamsted.

Yearlings C v Berkhamsted School, home, Draw 1-1

The Yearlings C drew one all, thanks to man-of-the-match performance from Suleman Mohammed, *West Acre*, in defence and a coolly taken, last-minute penalty from Ned Steel, *Druries*.

Yearlings D v Berkhamsted School, home, Won 1-0

A courageous display from the Yearlings D team saw them secure a 1-0 win against Berkhamsted. It was a very close game and we managed to win with a goal from Alex Trudel, *Druries*. It was a powerful strike from a few yards outside the box, easily passing the keeper. It was quite a physical game, as both sides were fighting for the win, but our defence stayed strong to keep a clean sheet and Kavish Mehta, *The Grove*, received man of the match on his debut as our keeper, making some brilliant saves and distributing the ball well. The back four managed to stand their ground against a strong Berkhamsted attack. The midfield stayed composed keeping the team together in the middle of the pitch and making impactful passes to the attack. Moving on, the attack were faced up against a big defence in the opposition, but they still managed to put some shots on target and eventually scored a goal. Overall, it was a well-rounded victory for Harrow.

Yearlings E v Berkhamsted School, home, Won 1-0

Before play, a flurry of injuries and a judo competition led to widespread keeper panic across the Yearling sides. Our usual keeper was called up to the Ds and injuries to our reserves left us without many options. Hiro McLinden, *The Park*, was called up at the final hour to fill in and more than earned his spot moving forward.

Berkhamsted controlled the ball for much of the first half with several key defensive plays from Sean Tiernan, *Newlands*, preventing many true opportunities. Abraham Babalola, *Druries*, in his season debut after returning from injury and rugby, was phenomenal in the central midfield. He laced a beautiful unassisted goal to put us up 1-0 at half-time.

The one-goal advantage remained throughout the second half despite several opportunities in both directions. Harrow failed to make quick, decisive decisions with the ball and struggled to maintain possession. Luckily, the defence and McLinden, held strong and managed to preserve the clean sheet.

Yearlings F v Mill Hill & Belmont Schools home, Lost 2-4

This was an exciting game in which Harrow had the upper hand for much of the match. The team played outstandingly well, using good movement and precision passing to constantly threaten the Mill Hill defence. Unfortunately, a combination of bad luck and effective breaks from the Mill Hill D team got past the defence too many times. Two excellent goals from Rupert Lian, *Rendalls*, were not enough to draw Harrow level. Brian Ching, *The Grove*, was excellent as centre back, and the whole team can be proud of their effort.

HARROW FOOTBALL

The XI Home v The Rob Malhame XI, Lost 1-3, 11

March

A thoroughly enjoyable and quite physical match saw plenty of end-to-end action, with neither team wanting to concede yards. In the end experience paid off and the OH team won. Duncan Wauchope, *The Knoll*, scoring the first half base for the XI.



The Outcasts v SMK Classics XI, Won 7-6, 11 March

Classicists XI: SMK, EMH, JLR, Nicholas Wingfield Digby, *Elmfield*, 2001³, Dan Draper, *Newlands*, 2004³, Taro Konishi-Dukes, *Elmfield*, 2009³, Ed McBarnet, *Bradlys*, 2009³, Hilary Foord, *The Park*, 2010³, Christian Cator, *The Park*, 2010³, Charlie Clamp, *The Park*, 2010³, Rupert Stonehill, *Elmfield*, 2010³, Tom Nevile, *Elmfield*, 2010³, James Lane, *The Park*, 2010³, Freddy Wickham, *The Head Master's*, 2013³, Hugo Wickham, *The Head Master's*, 2014³.

In a match that could have gone either way, the Outcasts played a fast-paced game against a strong Classicist team lead by SMK. With a 4-4 tie at half time, the Outcasts slowly took the lead despite playing up hill throughout the game.

SQUASH

The School v Radley College, away,

As usual, the coach company sent a 60-seater coach for ten people. Excellent for the environment and easy to park. For some reason, the driver thought it would be a good idea to park on Peterborough Road, blocking the street, instead of in the usual spot on Grove Hill. Okay, complaints about logistics are complete.

Many of the individual games were very one-sided. Henry Campbell-Johnston, *Druries*, Diederik Brouwers, *The Head Master's*, and Ethan McCullagh, *The Park*, all won their matches 3-0 without giving up many points. The opposition players did not pick up more than four points in any game. McCullagh is building an epic winning streak. Raphael Majumdar, *The Knoll*, and Jimi Olunloyo, *Moretons*, both lost 3-0 to strong opposition but learnt valuable lessons to take forward.

Darren had mocks this week and Jat and Tim next week, so they stayed at the paddock. The decision made sense, given that Radley is not as strong at the top end. The senior's story was similar, with Sam Blumberg, *Newlands*, winning 3-0 and dropping just seven points. Rishaad Bhushan, *The Grove*, lost

3-0 but got seven points in two games. He nearly shattered the glass back of the court with his racket but was fortunately unsuccessful.

Filip Wiszniewski, *Druries*, was also left frustrated playing a strong opponent, going down 3-0. George Epton, *The Head Master's*, was not caught out by the extra bouncy courts and played some lovely lobs and lengths. His calm (almost too calm) display led to a 3-1 win in one of the matches. However, Arhan Maker's, *Druries*, match was the closest. He lost 3-2 despite scrambling for every ball, giving his opponent slightly too many opportunities.

The weather was awful, but the sandwiches were lovely (the weather didn't matter because the courts were indoors).

Junior Colts A v Radley College, away

The Juniors squash team won 3-2 with wins from Diederik Brouwers, *The Head Master's*, Henry Campbell-Johnston, *Druries*, and Ethan McCullagh, *The Park*. The seniors lost 3-2 with an emphatic win for Sam Blumberg, *Newlands*, a narrow loss for Arhan Maker, *Druries*, and a wonderfully composed performance from George Epton, *The Head Master's*.

BADMINTON

*1st Team Home v St Dominic's Sixth Form College,
Won, 23 February*

Excited to test their mettle against local competition, the Harrow 1st VIII approached this match with confidence and curiosity. Pairs were shuffled up, with some new players added to create new pairings. In Pair 1, Vlad Plyushchenko and JB Yeung, both *The Grove*, made an impressive pair, winning their matches against Pair 2 with grace and ease. They worked well as a pair, combining height and agility. Pair 1 then switched to William Wang and Ashton Kong, both *The Head Master's*, who faced a demanding opposition Pair 1 from St Dominic's. The first game was nail-biting, as points climbed up. The 1st Pair were made to work very hard for their victory, which, at 24-22, demonstrated determination and stamina. In Pair 2, David Nakhmanovich and Elliot Chua, both *The Knoll*, provided a strong team with a fast pace and powerful shots. Though they allowed their first match to climb to 21-19, it was made apparent that it was a mere warm up. They dominated all subsequent matches, regaining their pride. In Pair 3, we had a dynamic new pairing of Dawei Sun and Felix Doan, both *Bradlys*, who played with good humour and impressive technique, only losing points for inaccuracy. Commendably, Doan played through an injury. The pair won all games with substantial leads. Finally, Sunny Ye, *Rendalls*, and Jackie Guo, *The Grove*, showed us how it was done, winning every game with precision, impressive technique, and predictably positive sportsmanship. After the match, we enjoyed a number of friendly singles and doubles matches against the opposition team and their coach.

*1st Team Home v Coopers' Company & Coborn School,
Won, 2 March*

The Under-16 team of Cooper's Coborn descended on the home courts to try our older, more experienced Under-18 team. Given that the opposition were younger, smaller, and had less training, they demonstrated a commendable effort. In Pair 1, Chris Liu, *The Head Master's*, and William Wang, *The Head Master's*, ran circles around the Cooper's Pair 2 but

were humbled in their match against the opposition's first pair. Though making a comeback for the first half of their second game, they ultimately proved no match for the impressive younger players. Ashton Long, *The Head Master's*, and JB Yeung, *The Grove*, experienced a similar reckoning in their match against the first pair. They brought it back, however, in their match against Coopers' second pair, where they cleared a 15-point lead in both games. Vlad Plyushchenko, *The Grove*, and David Nakhmanovich, *The Knoll*, played with confidence and ease, winning every game in a matter of minutes. Finally, in Pair 4, Dawei Sun, *Bradlys*, and Sunny Ye, *Rendalls*, made a strong duo, winning every game with a ten-point lead. We will be welcoming Cooper's Coborn again soon, and look forward to challenging some of their Under-18 players.

1st Team, home, Harrow Cup, Won, 9 March

The Harrow Cup was a fantastic and demanding fixture, where our 1st IV played against five schools. Ultimately, through gritty determination and team spirit, we achieved a mighty victory. Many congratulations to Chris Liu, *The Head Master's*, Vlad Plyushchenko, *The Grove*, David Nakhmanovich, *The Knoll*, and Sunny Ye, *Rendalls*, for their stellar performances.

Results

Harrow won 7 matches.

Wellington won 6 matches. (300 points scored against them)

John Lyon won 6 matches. (316 points scored against them)

Cooper's Coborn won 6 matches. (337 points scored against them)

Eton won 3 matches.

Charterhouse won 2 matches.

GOLF

1st v Radley College, Lost, 4-2, 2 March

Aidan Wong, *The Park*, got the team off to the perfect start with a birdie on the first. However, sublime striking from the +2 handicapper from Radley put Wong two down after seven. Some nifty short game from Wong put the match all square at the turn. However, Radley elevated his game and a couple of loose drives ultimately cost Wong the match, losing out 4&3.

Out alongside the captain was Toby Ferneyhough, *Elmfield*. Ferneyhough had some great success at Middlesex sevens the day before and was hoping to back this up on the golf course. He played some good shots throughout the day, however fell short of his very sharp Radley opponent. He looks forward to more fixtures post-mocks and post rigger.

Third out was Fred Hower, *The Park*, who started off with a par to go 1 up. After not being able to keep the standard up he was 2 down after 6. A further drop in the game meant Hower found himself 5 down through 12. After winning 2 in a row it was 3 down with 4 to play, but the Radley opposite number stuck it to 6 feet on the 15th and holed it, leading to a disappointing loss 4&3.

Oliver Cheuk, *The Grove*, started off well, winning the second hole with a solid par. However, momentum slowed, and Cheuk halved 4 holes in a row. Two good pars from Cheuk on 8 and 9 brought the score to 2up. The back nine was cat and mouse between Harrow and Radley, but Cheuk showed grit and determination to hold on with a birdie on 11, and a lipped out bunker shot on 13. Radley managed to claw back to 1 down

after the 15th, however an incredible recovery shot from the thick rough by Cheuk on 16 put him at dormie 2. A solid par on 17 sealed the deal for Cheuk winning 3&1 in the end.

Jonty Williams, *Moretons*, has had a rotten run of form and was looking for something positive to take into the Micklem next week. He started off slowly with a 2 bogeys in the first 3 holes but managed to play some steady golf giving him a 2up lead going down 13. With play being cut at the perfect time due to Radley's dinner time, they both went down 17 and 18. Williams managed to par both of these ending up winning the match 3 up giving him his first win of the season, a week before Micklem commences. A much-needed boost in confidence.

Last out for Harrow was Victor Grant, *Moretons*, against an opponent with an identical handicap to his own. Despite a steady opening 5 holes in which the game remained all square, errors from Grant on the next few holes meant he found himself 3 down at the turn. However, he fought back with a string of pars to find himself just 1 down after 13. Due to the fading light, the match was sent directly to the 17th tee to play the last 2 holes. A delightful bunker shot to tap in range on the 17th meant that Grant found himself all square heading down the last. However, it wasn't to be as a superb birdie from his Radley opponent was enough to seal a narrow 1Up victory, and an overall match score of 4-2.

FIVES

1st v Eton College, Away, Won, 28 February

A fantastic win for the seniors today against the old enemy at Eton.

The first pair of Caspar Stone, *The Park*, and Gus Stanhope, *Moretons*, showed their undoubted ability, winning 3-0 against a much-fancied Eton pair with some clever volleys and dominant cutting.

Although the second pair of Jack Artis, *The Head Master's*, and Max Ding, *The Park*, succumbed, they produced some stunning fives in the last set and should be proud of the level they achieved.

The third pair of Algie Anderson, *Moretons*, and Valentine Ballingal, *Moretons*, produced some excellent fives and ran out 3-0 winners. They are becoming very tricky to play against with strong cuts and great returns very much the norm.

Colts A v Eton College, away, Lost

Although losing the match 2-1, the first pair, Felix Regnard-Weinrabe and Michael Samuelson, both *The Head Master's*, managed to win their last game 12-7. A fantastic achievement for both.

Junior Colts A v Eton College, away, Won

The top three pairs won comfortably with a notable performance from Tosin Oyegade, *Moretons*, and Judah Amankrah, *The Knoll*, stepping up to first pair and winning 3-0.

Yearlings A v Eton College, away, Lost

The boys performed admirably today with the first pair of Alf Beresford-Peirce, *Elmfield*, and Louis Criddle, *Newlands*, improving throughout the match. Their match awareness has improved throughout the term along with better cutting.

The new second pair of Caspar Spencer-Churchill, *The Park*, and Neel Gupta, *Elmfield*, enjoyed their match and are improving all aspects of their game.

WATER POLO

National Plate Semi-Final, 28 February

On Tuesday, Harrow hosted the plate semi-final of the ESSA Water Polo. An intense afternoon in the pool for the five schools, playing five matches of seven-minute halves. Our first match against Abingdon was a close loss (5-3). St Paul's School's team was stronger and more determined (4-2). A regain of energy from Harrow against Charterhouse (6-2), but sadly losing the last match of the tournament against Ibstock (5-3)

A tournament of this kind requires resilience and energy-saving skills as the boys are constantly in and out of the pool. Harrow showed great fellowship and respect towards the other boys who scored more fouls than goals.

Six of our ten boys scored throughout the matches. Men of the Tournament are our very own Under-17 GB player Sias Bruinette, *Newlands*, and Gus Chukwuemeka, *Druries*, who scored four goals each. Our fastest team swimmer and vice-captain James Rates, *Newlands*, followed closely with three goals. Other single scorers were Zak Banton, *Newlands*, Henry Emerson, *Newlands*, and finally, back from a long-term injury, Ben Cutts, *Elmfield*, who scored a fantastic goal facing some rough Upper Sixth.

It should be noted that this is the first time the Harrow water polo team has reached this stage in the ESSA in years.

1st v Abingdon School, Lost 3-5

1st v St Paul's School, home, Lost 2-4

1st v Ibstock Place School, home, Lost 3-5

1st v Charterhouse, home, Won 6-2

1st v The John Lyon School, home, Won 6-4, 7 March

There could not be a better way to finish the water polo season than to host a friendly game with John Lyon. Due to other commitments, they could not bring many Sixth Formers. This gave the Under-16 more opportunities to be in the water rather than on the sub bench. Scorers were Sias Bruinette, *Newlands*, 2, Ben Cutts, *Elmfield*, 2, and Joseph Thornton, *Newlands*, and Eric Lesesne, *West Acre*, each scoring one goal. We were particularly impressed with these last two boys as Thornton showed his attacking skills, and Lesesne made his debut in the team.

The boys were not ready to leave the water so we mixed John Lyon and Harrow teams. A final score of 3-3 led to penalties. Vice-Captain James Rates, *Newlands*, and Eshaan Firaque, *Newlands*, were both in goals.

A truly enjoyable time with our neighbours!

SWIMMING

The Bath Cup, Won, 10 March

This was an incredibly successful day for swimming at Harrow. Its elite squad won two national independent school relay titles in the 4x100m freestyle and the 4x50m medley events. Harrow's team of James Rates (captain), *Newlands*, Seb Moscoso (vice-captain), *The Knoll*, Mark Zeng, *Elmfield*, Nick Finch, *Newlands*, and Henry Gray, *Lyon's*, set amazing times in the heats of the first event, just 0.2 seconds outside the event record. Harrow went on to win the 4x100 m freestyle

final by over ten seconds, setting a new event record. During the final, Nick Finch, *Newlands*, set a new lifetime best, which now ranks him first in the country for his age group. Henry Gray, *Lyon's*, also set a personal best in the 100m freestyle. Next was Seb Moscoso, *The Knoll*, who recorded a new personal best, swimming in his first Bath Cup. James Rates, *Newlands*, also swam a lifetime best. Indeed, this race stunned the spectators as it really was a historical performance in the context of the Bath Cup.

Moving into the afternoon session, the medley team of Nick Finch, *Newlands*, Adam Wong, *The Park*, Henry Gray, *Lyon's*, and Joe Storey, *Newlands*, set a new meeting record that had stood for six years. The team was hastily put together with swimmers not swimming in their best events. However, the fact that they broke the record in the heat was a true testament to their talent and hard work. Moreover, in the final, Harrow reaffirmed their dominance by winning the 4x50m medley national title, this time anchored by James Rates, *Newlands*.

RACKETS

1st v Winchester College, away, 9 March

Tarquin Sotir, *Druries*, and Alonso Fontana, *The Grove*, produced their best performance of the season to beat a strong Winchester pair 3-0. Good signs for the upcoming National Championships.

3rd Pair v Winchester College

A spirited effort from Mostyn Fulford, *The Knoll*, and Charlie Hope, *Rendalls*, prevailing 3-0.

Junior Colts A v Winchester College

A determined effort resulting in a 3-0 win for Ben Hufford-Hall, *Moretons*, and Jack Nelson, *Bradlys*.

Yearlings A v Winchester College

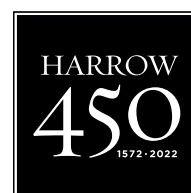
A promising effort despite a 0-3 scoreline for Arjan Lai, *West Acre*, and Ned Steel, *Druries*.

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Articles, opinions and letters are always appreciated.

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CELEBRATING OUR PAST
REFOUNDING OUR FUTURE