

# HOULTON EASTER NEWS 2023



HOULTON  
SCHOOL



## Welcome from the Principal

### Dear Houlton family,

As we reach the end of a relatively short half-term on this occasion, it is exciting to be able to share with you the wealth and breadth of activities that have taken place since February.

From our second year running at the V&A Museum's 'Innovate' Awards finals to Pi and World Book Day activities, there is so much to celebrate about the work, energy and enthusiasm of our young people.

The Easter break gives us a longer opportunity than most to spend time with our families, perhaps get away for a few days and/or see some extended family members. It's also a good chance

to have a good rest and invest and enjoy a book or two (I have just downloaded 'Flâneur: The Art of Wandering the Streets of Paris' by Federico Castigliano to my Kindle as I'm looking forward to taking my nieces to Paris for the first time - they have made clear that whilst the Musée d'Orsay and Arc de Triomphe will be interesting, a tour of the 'Emily in Paris' filming locations is top of their list!).

For Christians Easter is an important festival of reflection, renewal and hope, and for all of us the Easter break is a time to revisit all of our school's values, but in particular those of kindness and integrity: what sacrifices have we made, or could we make to demonstrate our altruism and

focus on benefiting others? Of course, we can't forget the tasty hot-cross buns, Simnel cake and chocolate eggs (despite my Mum having managed a fancy Hotel Chocolat store for many years, I still don't think you can beat a humble Cadbury's Creme Egg - but don't tell her!)

At the time of writing we are still eagerly awaiting the Tutors' fashion Parade in their individual College's handmade Easter Bonnets... look out on our social media channels for some photographs and to find out who this year's winners will be!

*Wishing you, and your families,  
a safe, happy and peaceful  
Easter break.*

**Principal Michael McCulley**



# Special recognition for Houlton School at V&A: Innovate awards

We are incredibly proud to announce that a group of pupils from Houlton School have taken part in the prestigious V&A Innovate National Schools Awards. The pupils, who are all members of Houlton's Obama College, took part in the national challenge to design a solution to a real-world problem.

With close to 2,000 pupils taking part, 270 teams entering ideas and just 50 pupils from across the country selected for the Annual Pitching and Awards Day at the V&A Museum in London, the competition was tough.

Taking inspiration from the V&A's 'Design: 1900 – Now' galleries, pupils were tasked with proposing design ideas for the themes of Adapt, Care & Disrupt.

During the Pitching and Awards Day, our Houlton School pupils spent the day taking part in creative workshops with designers, where they also saw their work on display and stood up in front of a full auditorium to showcase their brilliant design projects to a panel of industry judges. After wowing the judges with their entry, the Houlton School team walked away with a special recognition for their entry and were commended for their innovative and practical device that supports the neurodivergent population.

Please join us in congratulating our young designers on such an incredible achievement.



**Context**

The purpose of our product is to help people with **social anxiety** or **people with autism** to be able to ask for help if they cannot speak or do not want to.

**Common communications:**

- "I need the toilet"
- "I am feeling upset"
- "I am stuck"
- "I am scared"
- "I would like to be alone"...

**Existing products**

**The Problem**

Young people who have autism may struggle with **speech** and **communicating** their thoughts and feelings to their teachers and guardians.

**How does it work?**

Our product is a remote type card. It has **5 buttons** which represent different things. For example, 'going to the toilet', 'I need help' etc. Whenever they would feel unsafe, uncomfortable or need something, they could press one of the buttons on the card. This will **notify a teacher** and your **problem will be solved**.

**MY CARD**

**Mindmapping**

**Design Development Sheet**

Lara, Jojo, Miriam, Cristiano, Daisy, Kayla





# Pi Day at Houlton School

This term we celebrated Pi Day on March 14th with some maths related fun throughout the day! Our maths lessons explored different aspects of Pi including how we calculate it using circumference and diameter, exploring the strange experiments of Buffon to predict Pi as well as playing some Pi related card games.

$$\pi = 3.14$$

## Maths Jokes

Our comedians have been sharing with us their favourite maths related jokes to make us all giggle.

### A selection of our pupils' jokes include:

- 3.14% of sailors are Pi-rates! - Joel 8S
- Why should you never talk to pi? Because he'll just go on forever! - Harry 8O
- Are monsters good at maths? No, unless you are Count Dracula - Olivia 7O
- What do you call a maths teacher's favourite snake? A Pi-thon - Jacob 7S

### The winning jokes were:

- Why shouldn't you let advanced maths intimidate you? Because it's easy as pi! - Joshitha 7S
- What do you get when you take the sun and divide its circumference by its diameter? Pi in the sky! - Hope 8W

Joshitha and Hope both won a maths joke book to keep them giggling!



## Pi-Off

Our second annual Pi-Off competition took place and showcased our pupils' talents for memorising the digits of Pi. Although our pupils were not yet able to beat the World Record set by Suresh Kumar Sharma of 70,030 digits but we did beat our record from last year with Joel memorising 132 digits. Just to put that into context that was him reciting this:

3.14159265358979323846264338327950288  
4197169399375105820974944592307816406  
286208998628034825342117067982148086  
51328230664709384460955

### Year 8 Champions

1st	Joel	8S	132 Digits
2nd	Anna	8O	83 Digits
3rd	Katherine	8M	51 Digits

### Year 7 Champions

1st	Layla	7S	62 Digits
2nd	Amadou	7O	43 Digits
3rd	Erin	7M	27 Digits

By Miss Jasmine Etheridge  
Head of Faculty: Mathematics and Numeracy

## Pi T-Shirts

Thank you to our wonderful teachers who took part in our Pi Day fun, by wearing one of our Pi Shirts. Pupils were asked to put the teachers in the correct order to show a correct order of Pi.





# British Science Week 2023

The 10th-19th March was British Science Week, a time where schools and educators across the country do their very best to engage young people about the joys, wonders and variety that science has to offer.

Here at Houlton School, we thought that this was the perfect opportunity to further engage our pupils about one of the most interesting topics in science... Space!

Thanks to additional funding from Friends of Houlton School, we were able to book the StarDome from the National Space Centre in Leicester. The StarDome is a giant, inflatable dome which you can enter. Once inside, pupils can sit down and gaze up at the dome as if looking into the night sky, observing all constellations and planets, right above their heads. Each college was given a 1-hour slot during one of their science lessons where an expert presenter guided them through an interactive show all about stars, planets and constellations.

The hour began with pupils looking at sophisticated software showing each planet in real time, with their moons and orbits clearly visible and detailed information about each planet being presented alongside stunning visuals. A particular favourite



was learning that Mars is not hot at all but is actually very cold with the planet's red colour being down to the iron oxide (rust) on its surface!

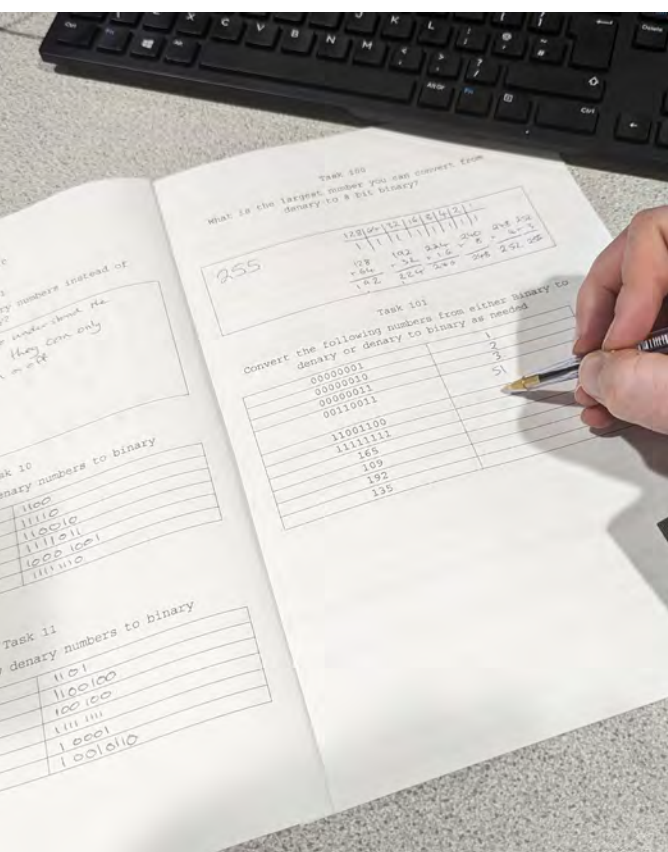
From here, pupils looked upwards at the many constellations to be found in the night sky. The constellations were drawn out in the form of the images they represent with many ancient Greek stories being shared to give context to their meaning. Each class received a different story during their experience. Some learned about Percius riding on the back of Pegasus and rescuing Andromeda from a huge sea monster. Others learned of Hera turning the beautiful Callisto into a bear out of jealousy, thus forming Ursa Major. All did learn about the link between Harry Potter and the constellations, with Draco, Bellatrix and Sirius all being visible in the night sky!

Lastly, Houlton pupils looked at stars, namely Betelgeuse. This red supergiant star is enormous and found in the constellation

of Orion. But perhaps the most interesting thing about this massive star is that it is soon to die and when it does, it will explode as a huge supernova and will be so bright that it will be visible during daytime! However, Betelgeuse is also very far away, 600 light years away in fact, meaning that if it did explode at this very second, the light would not reach Earth for another 600 years! This means that for all we know, this star has already exploded, and we are simply waiting to see it.

The pupils' time in the dark, unfortunately, then came to an end. They left the dome the way they went in, with the dome sagging slightly as they did so. Faces filled with awe and wonder collected their bags, and despite a thorough Q&A session, undoubtedly left with many more questions than they came with. But what's space without some serious head scratching?

By Mr Aaron Griffin  
Head of Faculty: Science and Computer Science



## Computer Science

1010111,1100101,1101100,1100011,1101111,1101101,1100101.

Or as we would say Welcome.

Binary is the primary language of computer systems. Each binary number consists of a series of eight bits known as a byte.

This term Year 7 and 8 have been learning how to understand binary and by extension how computers see the real world. Pupils have learnt how to convert a binary number back to a decimal or denary number and to convert a decimal or denary number into binary. Once they have been able to do this, pupils have been looking at the ASCII (American Standard Code for Information Interchange) to convert characters into binary code and developing their

understanding of how a computer uses pixels to create images.

Next term brings coding to Houlton School with Year 7 starting to learn coding using VEX, a fantastic block-based programming language which allows pupils to combine skills developed in Scratch with new outputs and challenges. Year 8 will be moving onto Python, a text-based programming language more commonly used by programmers and companies world-wide, such as Netflix for programs such as machine learning and security.

By Mr Cresswell-Peters  
Subject Team Leader: Computer Science



# What a wonderful World Book Day!

Staff and pupils at Houlton School really went to town to celebrating World Book Day this year!

It all started with a fabulous opportunity for all Year 7 to spend some time with, Ele Fountain, author of the novel 'Boy 87' studied by Year 7 pupils in the Autumn Term. Sixty lucky pupils, who had worked especially hard on their Bedrock Vocabulary homework, also had the privilege of attending a bespoke creative writing workshop with Ele. This involved pupils crafting, plots, titles and opening lines to their own stories. The standard of the work produced was very impressive.

Later, Mrs Warde shared her son's book collection to inspire our pupils, who then worked in small groups to produce their own young children's books. These impressive creations were sent over to St Gabriel's Primary School for their pupils to enjoy. In a prize giving finale, some signed copies of Ele's novels were handed out to selected pupils whose work had stood out to staff.

Houlton pupils also created some spectacular cakes to celebrate a wide variety of different writers and books. Slices of cake were

sold at break and lunchtime, raising over £100 for our library funds.

Staff and pupils donated over 100 books for our Great Book Swap. This involved a plethora of different books laid out on the refectory tables, ready for our young people to take home any book that appealed to them. Tables soon emptied, providing new and exciting reading material for our pupils.

Finally, Miss Parkin organised for Houlton to have its very own travelling book fair! Classes were taken to the fair in English lessons, plus pupils could visit at lunchtime. An impressive £700 worth of books were sold, resulting in a sizeable discount for us to buy even more books for our library.

All of this enthusiasm for World Book Day showcases the passion our school community has for reading and improving literary.

What else can we plan for next year...?

**By Ms Angela Lancini**  
Assistant Principal







# Year 8

As part of their work exploring who was responsible for the abolition of slavery with the British Empire, Year 8 designed new coins celebrating the achievements of notable figures. This ranged from focusing on traditional abolitionist, such as William Wilberforce and Granville Sharpe to exploring overlooked characters, like Ottobah Cugoana and Mary Prince. The History department received a wonderful range of different designs.

## The Black DEATH

**Symptoms of the Black Death**  
 Dr. ...  
 Some of the symptoms of the black death are bubbling forms under the skin, swell throat, hot and sweaty with high fever and they also had red and black patches because of the disease.

**13th November 1348**  
 Rumors started happening this day that they discovered a new virus/disease and they thought a strange and it French sailors brought viruses from the Black Sea etc and many people thought it was God punishing them.

## A BLACK DEATH

Leo Barry

**STARRING**  
 - mal Gibson  
 - Robert D.J  
 - christi prat

5 stars  
 ☆☆☆☆

13th November 1348 Rumors spread through the medieval land of england about a harmful disease, killing hundreds in London.

29th November orwich has been plagued with the illness

Huge black blisters and a horrible rash all over peoples bodies

people would have died in order to avoid this painful and infectious demon that god had unleashed on them



The Black Death first came to Somming York on the 20th of 1349. London was the Black Death for York.

28th January 1349 Local Bishop dies of the disease. People create pits near churches to bury the dead. Spreads the disease further.

3000 out of 9000 survive from the infection. 28th January 1349

Remains of this disease began to spread on the 13th November 1348.

28th December 1348 York closes city gates but it is too late. 29th November 1348 Daily prayers at Cathedral which spreads disease.

28th November 1348 Leeds reports its first victims (200 miles north of York)

A high fever with a swollen throat.

People whipping themselves to please God, asking for forgiveness.




Priests would visit homes, spreading the disease further.

A dark rash on the body.

Aches all over the body.

Symptoms of the Black Death included boils all over the body.

# YORK

# Year 7

Year 7 have been exploring the Black Death this half term and the impact it had on York. As part of a wider focus on the threats posed to people's health throughout the Roman, Viking and Norman periods. This culminated in the production of movie posters focused on the impact the Black Death had on the city of York, enabling students to get more creative in their historical outcomes. Well done Year 7.

## ROYAL COINS.

New currency is minted at the start of Charles III reign.

The Royal Mint has unveiled a new coin design introducing a portrait of King Charles III and, after production, the coins will be added to the 27 billion coins currently in circulation in the UK. The image was created by British sculptor Martin Jennings who used photographs as a reference for the design; the king has been said to be very pleased with the likeness!


On the back of the coin, the designers would like to include an image which shows why slavery was abolished.

Task: Pick and draw an appropriate image to show what was most responsible for the abolition of slavery. What/who?

James Somerset

Why have you chosen this?

I chose James Somerset because he was a main figure that started the abolition of slavery. He was annoyed a free man when he escaped to London and ultimately helped many slaves become free because if slaves were able to escape to London they would be able to become free. Some slaves some hope to becoming free.



## ROYAL COINS

New currency is minted at the start of Charles III reign.

The Royal Mint has unveiled a new coin design introducing a portrait of King Charles III and, after production, the coins will be added to the 27 billion coins currently in circulation in the UK. The image was created by British sculptor Martin Jennings who used photographs as a reference for the design; the king has been said to be very pleased with the likeness!

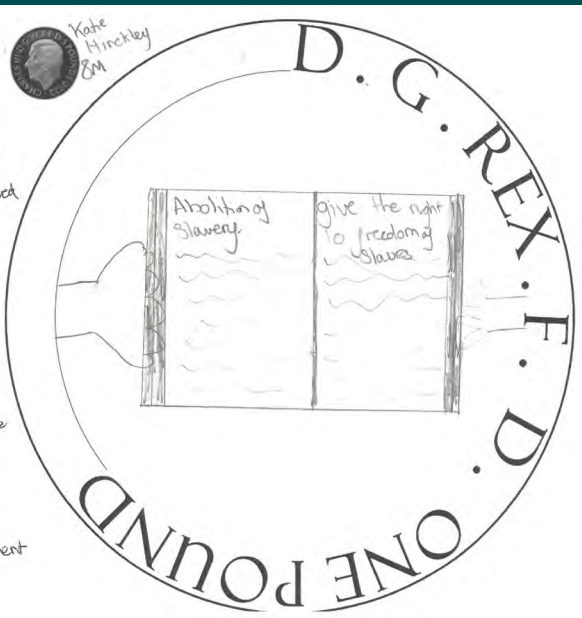
On the back of the coin, the designers would like to include an image which shows why slavery was abolished.

Task: Pick and draw an appropriate image to show what was most responsible for the abolition of slavery. What/who?

Black campaigners like Equene against Slavery

Why have you chosen this?

I have chosen black campaigners because they worked all their lives to give Africans freedom. Ottobah wrote a book on how badly the slaves were treated. Granville Sharpe was a lawyer who supported James Somerset people William Wilberforce was an MP who campaigned for to end slavery. These people were the most responsible for the abolishment of slavery.



## ROYAL COINS

New currency is minted at the start of Charles III reign.

The Royal Mint has unveiled a new coin design introducing a portrait of King Charles III and, after production, the coins will be added to the 27 billion coins currently in circulation in the UK. The image was created by British sculptor Martin Jennings who used photographs as a reference for the design; the king has been said to be very pleased with the likeness!

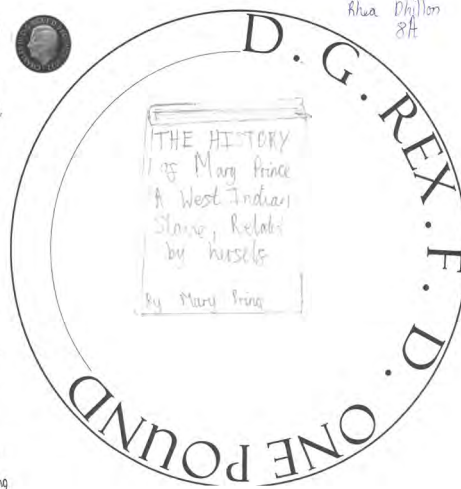
On the back of the coin, the designers would like to include an image which shows why slavery was abolished.

Task: Pick and draw an appropriate image to show what was most responsible for the abolition of slavery. What/who?

Mary Prince

Why have you chosen this?

I have chosen Mary Prince as the person most responsible for the abolition of slavery as she experienced the evils of the sugar plantations by the British slave owners. She was born into slavery in 1782 in the island of Barbados. However she escaped Barbados to live in Britain as it is illegal to own slaves there that is why there is 1500 people who were enslaved in the UK. Mary Prince campaigned by writing an autobiography with the help of Thomas Fowell Buxton to present the parliament to end slavery by showing what harm it was bringing.



By Mr Jamie Abbott  
 Head of Faculty: Humanities



# Music Department News

Another busy start to 2023 has seen us expanding our instrumental provision continuing to develop our curriculum and moving forward with our preparations to turn Houlton School into the 'School of Rock'.

## Instrumental Lessons

Instrumental lessons continue and the numbers continue to grow. We have welcomed two new tutors to our team this term, Mr Smith and Mr Giligan.

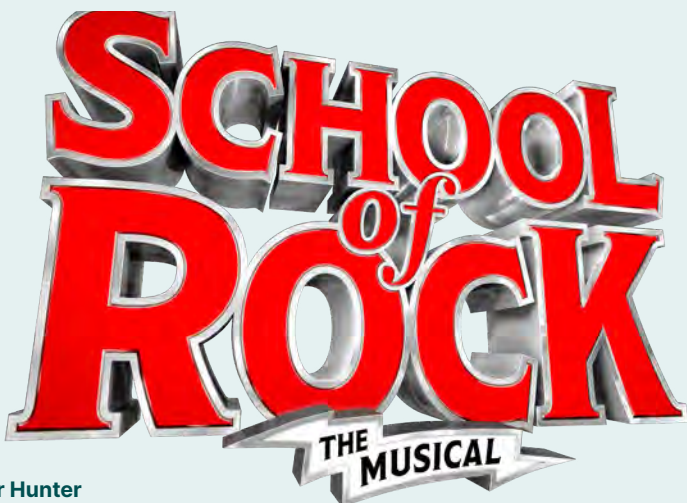
Experienced and engaging tutors both, it has been brilliant to welcome them to Houlton and they are already making an impact allowing us to expand our provision across Guitar, Bass, Ukulele and Brass.

If you would like your child to take part in Instrumental Lessons you can sign up via the Warwickshire Music Service website.

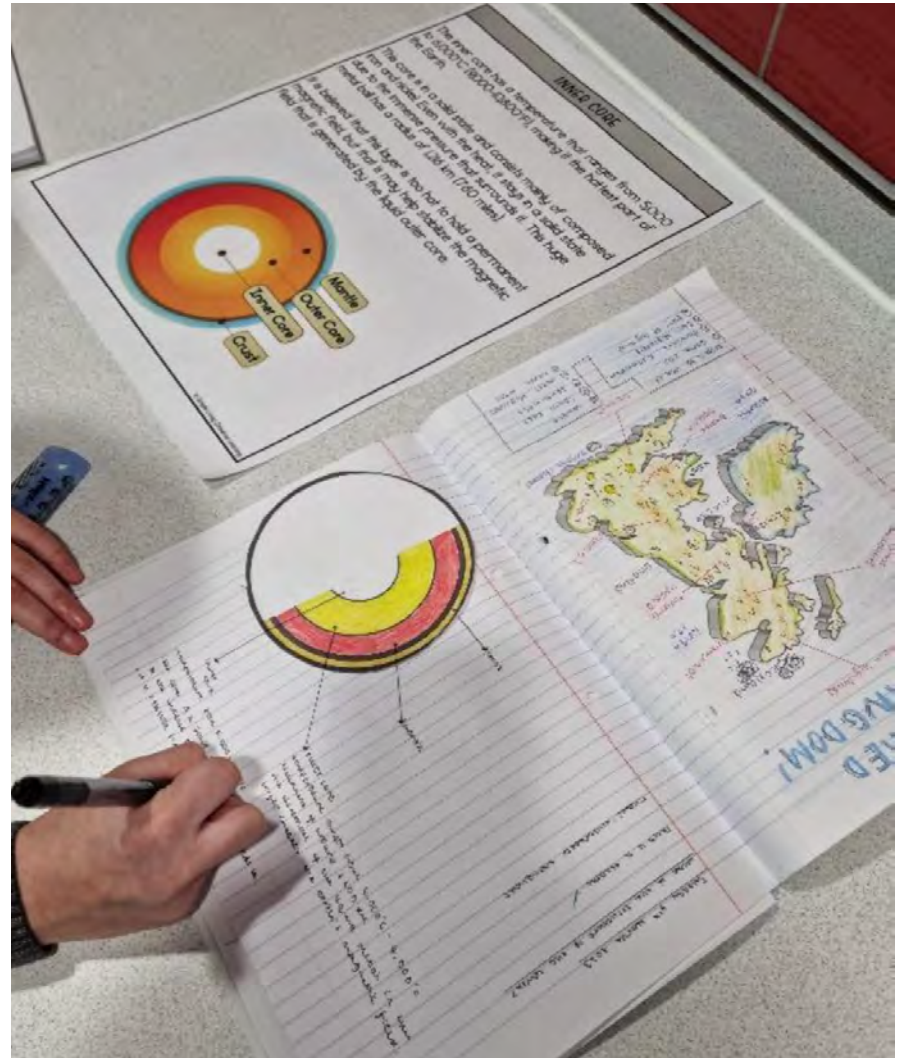
## School Of Rock

School of Rock is continuing with the Cast, Backstage Crew and Cast working so hard to bring the show to life. I am so excited by what I have seen so far, and I know we are going to deliver a knockout show.

Tickets and dates for the show will be announced the first week back after Easter and Tickets will be available through Parent Pay. Keep a look out in your email inbox for more information and a chance to win a set of free tickets through our School of Rock Raffle.



By Mr Hunter  
Subject Team Leader: Music



## Geography

In Geography, Year 7 pupils have been exploring the big question, "What lies beneath?" and have so far been geologists and cartographers, understanding the different categories of rock and the topography (height and shape) of the British Isles. Students have also been creating models of the structure of the Earth.

Year 8 pupils are now exploring the role which Russia plays internationally with the big question "What is Russia's role?".

Students study the physical geography of Russia including the biomes, climate, rivers, mountain ranges and major cities and have constructed their own climate graph of Russia. Students will be investigating the humanitarian conflict of the Ukrainian war later in the topic and how the decisions of the few have much wider, more negative impacts for the rest of the world.

By Mr Chris Youmans  
Subject Team Leader: Geography



# Bonjour and Hola to all language enthusiasts reading this newsletter!

This term has been filled with exciting activities for our pupils to experience authentic French and Spanish culture.

In Y7 French, we looked at the town of Rugby, and compared it to Evreux, its twin town in France. Pupils were amazed to learn about the differences between a typical French town and its English counterpart. Some were disappointed to learn that French roads are not made of baguettes and pains au chocolat, nor are the only shops allowed bakeries and beret stores. Nevertheless, this investigation allowed us to work on the concept of stereotypes, and we finish this term aware of the similarities and differences between France and England.

In Y8 French, within their tutor groups, pupils were organised in focus groups to discuss the changes that could be made to improve their communities. We drew on the work established in Y7 to present to the class an action plan on the 5 actions below, which I invite you to translate at home!

1. Améliorer la sécurité routière
2. Encourager les mobilités actives
3. Lutter contre la congestion et les pollutions
4. Renforcer l'attractivité de la ville
5. Créer des lieux de vie

In Y7 Spanish, we looked at the delicacies that are Spanish tapas, and learned about the Spanish lifestyle of going to a 'tapería'. Pupils are also looking forward to the

opportunity to cook patatas bravas, we will send the link for the recipe on Edulink, so keep your eyes peeled for this!

In Y8 Spanish, this term was all about Spanish idioms and expressions, with the aim of using them abroad. The languages department leaves you with the following expressions focussed on MILK (a common theme in Spanish idioms) and sets you the challenge to find their figurative meanings, pupils who come to school with the solution will be given R points!

**Dar la leche:** "to give the milk."

**Echar la leche** "to pour out the milk."

**Llorar sobre la leche derramada** (we won't give the literal translation for this one as it would give the answer away)

**Ser la leche:** "to be the milk."

**¡Leches!** "milks!"

Learning idiomatic expressions is a great way to improve your language skills and better understand the culture of the language you are studying!

Finally, I am thrilled to announce an exciting upcoming event happening at Houlton: Our Language Department is proud to announce that Onatti Productions are coming back to Houlton, to perform French and Spanish plays! Keep your eyes peeled for more information on this in the coming weeks!

By Mr Matthieu Raffy  
Subject Team Leader: Modern Languages



# Mi Personalidad Play in Spanish for Teenagers





# Barclays 'Game On' initiative:



A group of 12 girls are taking part in a national initiative to promote girls' football in schools and inspire the next generation. They have attended an introductory afternoon which involved lots of interactive games and video links from the leaders of the event. This term our activators took part in a day of workshops to upskill themselves into coaches and marketers.

We look forward to seeing our pupils lead future events to our local primary schools. #letgirlsplay

By Miss Abbie Hartfield  
Subject Team Leader: Physical Education



## Curriculum lessons and our Big Questions:

### Year 7 – Gymnastics

(Are components of fitness important to an elite sports performer?)

### Year 8 – Basketball

(What is more important, extrinsic or intrinsic motivation?)

### Co-curricular opportunities this term:

- Year 7 Football
- Handball
- Year 7/8 Girls Football
- Rugby for all
- Volleyball
- Year 7 Netball
- Badminton

Well done to all the pupils who have attended our sports clubs since January. It is great to see the enthusiasm for sport at Houlton School from our pupils.

### Fixtures this term:

- Year 7 Rugby Vs Avon Valley (Coaching game)
- Handball Vs Avon Valley (Lost 10-6)
- 2 teams: Year 7/8 Netball Vs Guilsborough (Lost 12-2 and 5-2)
- Year 7 Netball Vs Bilton
- Upcoming: Girls Football Vs Bilton, Rugby High, Rugby Free and Avon Valley.

Please follow our twitter page with all news regarding fixtures, results and PE department news. @HoultonPEdept

**Another well done to Freya for winning our Pupil of the Term last time out. We will be awarding our next pupil in the coming weeks.**

**Our PE department are looking out for the following qualities for win our Pupil of the Term award:**

- Go above and beyond to help out in PE/ Dance lessons
- Demonstrate exceptional effort and enthusiasm consistently across the term
- Take an active part in our co-curricular clubs and teams
- Positive attitude and a willingness to learn
- Polite, punctual, reliable and organised pupil

The pupil who wins this award will receive an R2 and a piece of sporting equipment!

## Year 7 and 8 pupils visited the Velodrome in Derby on Tuesday 21st March

### Chloe C:

I think the velodrome trip was a really good opportunity for some pupils to get outside their comfort zones and do something they never thought about doing before. Everything on the trip was good and at the velodrome I liked how we were eased into slowly getting out of our comfort zones. I am very happy and thankful I got picked as it was something new and something I would've never thought I would be doing.

### Olivia K:

The velodrome was really fun and I loved doing it . When we got into the velodrome I was really nervous because it looked really high and steep but as we started at the bottom and cycled round and round I got more confident and I started to get higher and higher. In the end I got to the very top of the velodrome and I was really happy with myself and proud, it was a really good day at the velodrome and I would definitely do it again.

### Amelia D:

I really enjoyed the velodrome trip and learning how to do something new. I think it was a great opportunity to do something new and I'm very happy that I got picked. It was such a good experience and something I will never forget.





Our pupils are continuing to develop and improve their answers to our PE big questions as we progress throughout the year. Here are some excellent examples from our badminton block for both Year 7 and 8.

## Year 7 – How do we outwit opponents in racket sports?

### Kieran P – Year 7

To outwit an opponent in racket sports you can use a drop shot.

This is important because if you and your opponent do a rally during a play and when your opponent is standing far away from the net expecting you to keep rallying you can suddenly hit the shuttle gently over the opponent's side with the shuttle landing close to the net, so the opponent can't reach it because they are far away, and you would get the point.

If you did not do this, then it would impact on performance because you would either get outwitted by your opponent or make a mistake yourself.

You can also do a smash shot because if you rally with your opponent then when they are off guard you can smash the shuttle powerfully into the opponent's court and they will not be prepared as the shot is too powerful.

If you did not do this, then it would impact on performance because your opponent can use it on you or use another move to outwit you.

### Olivia K – Year 7

To outwit an opponent in a racket sport, you can perform a drop shot if they are standing closer to the back of the court.

This shot is done by suddenly loosening your grip and hitting the ball/shuttle so that it goes as close to the net as possible and onto the opponent's side.

This is important because it makes it harder for them to hit back onto your side - so that you get the point easily.

If you did not do this it would impact your performance because of the opponent being able to score the shot and being able to hit it back easier, making it harder for you to get the point because you would need to use other means and strategies to get the point. An alternative to this shot is the smash shot. This shot is performed by putting all of your energy into this shot so that it zooms towards the opponent and gives them less time to hit the ball/shuttle.

This is important because it makes it easier to receive the point, instead of the opponent and if you do this once or twice, you are able

to outwit the opponent, as long as you do not do this repeatedly every shot you make because if you do not then the opponent will easily be able to predict when you take that shot.

If you did not do this, then it would impact your performance because you will be easily predictable for the opponent if you do not have variety in the shots you pass to your opponent's side of the court and the opponent would be able to get the win more efficiently.

## Year 8 – What are the 3 most important components of fitness for racket players?

### Willow M – Year 8

Power is important to a racket player because it means you can get a strong shot over the net, and this could lead to the other player not being able to pass back and this would lead to you winning the match.

This component is most useful with the smash shot. If you did not have this component, then it would impact on performance in a negative way because the other player you are playing against will easily be able to pass back and this could lead to you losing the match.

Reaction time is important to a racket player because it means that you can quickly hit the shuttlecock when it is coming towards you. This is used when

the other player hits a shot, and you have to quickly think what shot to use and where to stand. If you did not have this component, then it would impact on performance in a negative way because it could mean that you could miss shots and lose points.

Speed is important to a racket player because it means you quickly run to where the shuttlecock is going to land and hit it before it hits the floor.

This is used when your opponent makes a long shot, and you have to run to hit it back. If you did not have this component, then it would impact on performance in a negative way because it means you would not be able to hit all shots.

### Archie C – Year 8

Agility is important to a racket player because you will be able to change direction quickly. This is used when your opponent plays a shot that goes to the opposite side of the pitch from which you are on. If you did not have this component, you could easily be scored against by using a smash shot to the other side of the pitch.

Power is important to a racket player because a more powerful shot will be executed quicker. This is used when you want to make a smash shot, which needs to be quick, and hit the shuttle as powerful as possible to give the opposition as little reaction time as possible. If you did not have this component then when

executing a smash shot, you would not have the power to get the shuttle to the ground as quickly as possible, therefore giving the opposition as much time as possible to react.

Reaction time is important to a racket player because the shuttle is moving extremely quickly with limited time to react, so you need good reaction time.

This is used when your opposition uses a very powerful shot, for example the smash shot, you do not have very much time to react to the shot so better reaction time drastically increases your chances of returning a shot. If you did not have this component, then powerful shots would start to lose you points and potentially cause you to lose the game.





HOULTON  
SCHOOL

Houlton School  
Signal Drive, Houlton, Rugby, Warwickshire, CV23 1ED

Telephone: 01788 593 300  
Email: [hello@houltonschool.org.uk](mailto:hello@houltonschool.org.uk)  
[www.houltonschool.org.uk](http://www.houltonschool.org.uk)

 @HoultonSchool |  @HoultonSchool |  @houltonschool