



EDITION 9  
14TH FEBRUARY 2025

# HAYES SCHOOL Newsletter

24 - 25

## Message from the Head of School



As we move into the February half term break it is hard to believe that we are at the midpoint of the school academic year already.

Looking back over the last 6 weeks there is much to savour and be proud of, from the Duke of Edinburgh training day to DanceFest, from the Rotary Club Awards to Parents' Evening, from the Careers Fair to our inaugural Duke of Edinburgh

Awards Evening, not to mention a Theatre trip, Library visit, an English Speaking workshop and a hop over to Munich for our Sixth form linguists; the additional learning and wider enrichment opportunities have been fulsome.

This week our Year 11's have started their second set of Mock examinations; approaching these with a renewed energy and drive to push on from their October Mock results. It is wonderful to see their growth in confidence, the dedication to the revision routines they have adopted and that real 'can do' resilient attitude that is apparent across the year group.

We know what an important platform this examination experience provides for our young people and look forward to an equally productive week after the half term break.

A group of twelve Year 8 and 9 pupils have been working diligently since October with the Design Technology team to test, retest and refine their entry for the National Formula One schools competition which is one for the biggest STEM competitions nationally. There was a real buzz of excitement as they left the school early on Thursday morning en-route to Harlow College; I look forward to hearing the results.

It seems very early to be talking about the 2025 examination season but for our A level Drama students practice turned into the final performance this week as they 'trod the boards' for real and undertook their practical examination under the scrutiny of an external examiner. I have absolutely no doubt they will have

wowed their one person audience and it is in this anticipation that I look forward to our upper school students entertaining us with two plays, Lord of the Flies and This Changes Everything in March.

Our Year 9 students are busy putting the final touches to their First Give charity projects led by Miss Krystal and their tutors. First Give are an organisation that teams up with schools to create opportunities where young people are inspired and empowered to give their time, money or skills to charities and causes that matter to them. The journey is broken down into five steps, with each Year 9 form group working with their tutor on their won project

- ◆ Students learn about social issues in their communities and choose the issues which are important to them
- ◆ Student's research charities working in their communities and as a class, choose one to represent.
- ◆ Charities are invited in to meet the class, so that students can learn more about their work and how to help them
- ◆ Students plan and deliver social action activities (fundraising, awareness raising, volunteering) in support of their charities
- ◆ Students learn public speaking skills and put together creative presentations about the work of their charity and what their class has done to support it.

I look forward to the First give presentation evening that will take place shortly after the half term break.

Whilst the Half Term break gives us all an opportunity to recharge and refresh ourselves it also provides an ideal time to revisit uniform and equipment expectations and I therefore ask for your support to ensure that missing items of uniform and necessary school equipment are replaced at this time. Should you need support with this please do not hesitate to reach out to your child's Form Tutor in the first instance.

I wish all our families an enjoyable and restful half-term break

*Miss Thompson*  
Head of School

Please note we return to school, on Monday 24<sup>th</sup> February at the normal time. This will be a Week A timetable.



### Assembly Themes

w/c 24th February (Week A) Ethos and Values

w/c 3rd March 2025 (Week B) World Book Day



# ICT and Computer Science

In the Spotlight



## Year 7

In Year 7 lessons, students are learning about "Python Programming". Below are a snaps of students work:

```

Python 3.7.1 Shell [Python 3.7.1 Shell]
File Edit Format Run Options Window Help
print("What is your first name?")

Firstname = input()
print("What is your last name?")
Lastname = input()

print("Hello,", Firstname, Lastname)
print("Your complete name", Firstname[0], Lastname[0])
Fullname = Firstname + " " + Lastname
print("Your full name is:")
print(Fullname)
    
```

Using the basic programming skills Edward Cintra uses "Variables" to print his first name and last name.

```

Python 3.7.1 Shell [Python 3.7.1 Shell]
File Edit Format Run Options Window Help
print("How long do you sleep per night? ")
night = input()
print("How long do you sleep per week? ")
week = input()

print("You sleep", night, " hours per week")
    
```

Another student Benjamin Piggott has created a program to calculate how many hours per week he sleeps.

```

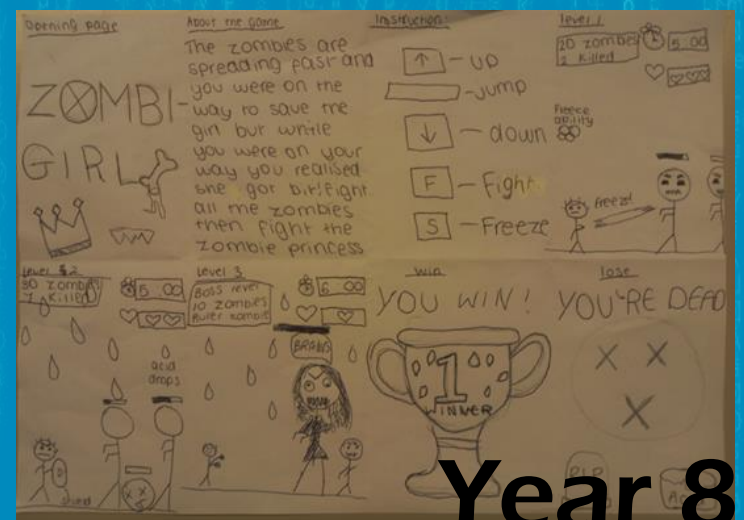
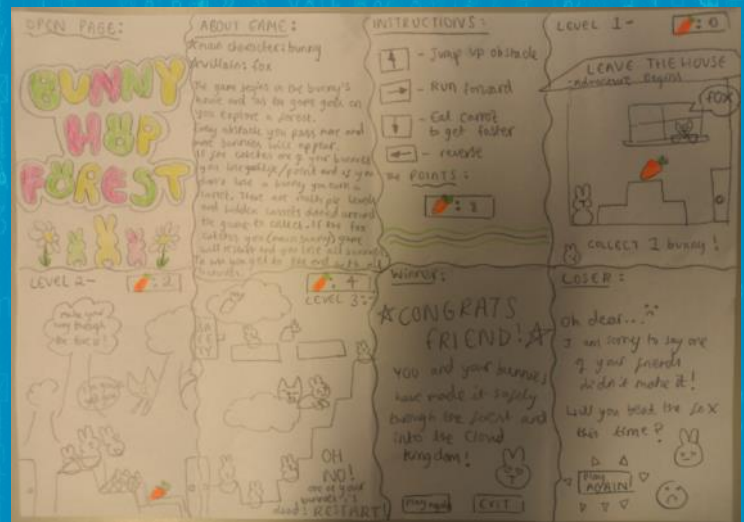
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print("Your complete name", Firstname[0], Lastname[0])
Fullname = Firstname + " " + Lastname
print("Your full name is:")
print(Fullname)
    
```

Yunis Mclean tries different syntax to print his first name too.

Year 8 classes have begun practising their Scratch coding and designing their own multi-level Scratch games. They are using variables

Here are designs by Eve Mahoney and Annabel Kiniorska:

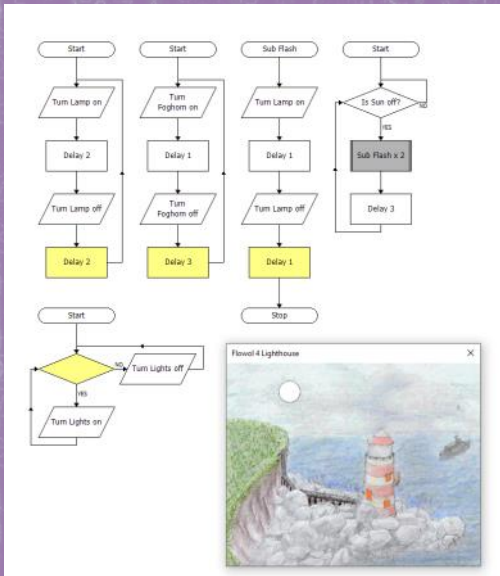


## Year 8

# Year 9

Year 9 have been experimenting with using

Flowol Flowchart software to control systems, using parallel programming. Here is a set of flowcharts to control a lighthouse by Frank Flitter:



In Year 10 students are learning about Programming Fundamentals, and they were given 19 programming challenges to select one challenge to be solved using "Python Programming language". Below are a snap of students work:

# Year 10

## Hangman

Create a version of the Hangman game using Lists. The program should ask for the word to guess and the number of chances to be given.

For every guess you should update the user with which letters they have guessed incorrectly, as well as replacing the letters in the guess word with the ones they have guessed correctly. You should also show the user how many chances they have left.

### Extension:

1. Make sure that you do not let the user lose a life if they guess a letter that they have already guessed.

I selected the hangman challenge because it seemed like a challenge (it was!) and it was really fun to make all the "ASCII" art for it and it uses external files. I had the code and a "words.txt" file in a folder to make this work. The txt file has around 100 random words on separate lines.

```

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```

## Second example by Mehmet Sadi:

**RPG character/Pokemon stat creator**

Make a program which will randomly create a character's stats based on several rules set by the user. Have it generate a class, gender, strength/magic/dexterity points, and extra abilities or trades. Have the program save it to a file which can then be printed out so that it can be used in a game.

**Extension:**

1. Make a mystical name generator. Perhaps randomise different name parts such as sha-ra-lam or big-lim-con to create names for each of your randomly generated characters.

I solved the problem by creating code mainly using "random.randint" to create randomly choses character stats and combined character name, and "time.sleep" was also used to delay the execution of the program.

```

# RPG character/Pokemon stat creator
# Make a program which will randomly create a character's stats based on several rules set by the user.
# Have it generate a class, gender, strength/magic/dexterity points, and extra abilities or trades.
# Have the program save it to a file which can then be printed out so that it can be used in a game.
# Extension:
# 1. Make a mystical name generator. Perhaps randomise different name parts such as sha-ra-lam or big-lim-con to create names for each of your randomly generated characters.

```

## First example by: Henry Copper

**18 Squares**

Create a program that will ask the user for a number and then print out a list of numbers from 1 to the number entered and the square of the numbers. For example, if the user entered 3 then the program would output:

```

1 squared is 1
2 squared is 4
3 squared is 9

```

## Third example by Jacob Tame:

I chose this challenge as it would be challenging but not too hard. I had also thought of a code I could use. I solved the problem by using a "For loop" which looped the output until the desired output. The program was having a little trouble understanding the plus 1 equation, so I assigned it a value (b) instead.

```

1
2 a = int(input("What number would you like to square?: "))
3 b = a + 1
4
5 for i in range(1,b):
6     print(i, "squared is", (i ** i))

```

What number would you like to square?: 6

```

1 squared is 1
2 squared is 4
3 squared is 9
4 squared is 16
5 squared is 25
6 squared is 36

```





# HAYES SCHOOL CAREERS FAIR 2025

On Wednesday 5<sup>th</sup> February, for the second time, Hayes School saw students from Years 7 to 13 attend our annual Careers Fair where over 40 plus employers, further and higher education establishments came together to talk with students about their field of work and career opportunities and courses. Students were able to hear how companies and institutions operate as well as find out about career routes they had yet to discover.



*"Being able to ask questions that wouldn't be answered on the website of a company"*

*"Gave me the chance to learn about different apprenticeships and careers"*

*"I just wanted to say thanks for a great event, it was really refreshing to work with such engaged students. I look forward to working with you in the future"*



This highly successful event was a valuable experience for all students and helped build their self-esteem and confidence as well as develop key skills which will benefit them in the future.

We were extremely grateful to businesses and organisations who gave up their valuable time to make the Careers Fair possible.

*Mr Hazlehurst and Mrs Stewart*  
*Assistant Headteacher and Careers Leader*



## Nearly New Uniform Shop

We are seeking someone to support the running of our nearly new uniform shop. This is a voluntary position. If you are able to help, please email Mrs Frampton on [postmaster@hayes.bromley.sch.uk](mailto:postmaster@hayes.bromley.sch.uk)



# Design and Technology Formula 1 in Schools



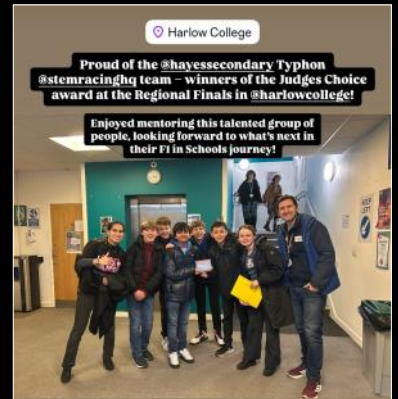
Both our F1 teams did a fantastic job this year competing at Harlow College in North London on the 13<sup>th</sup> February where they raced their beautifully crafted CNC F1 cars with 3D printed components using our new state of the art Resin 3D printer with built in AI camera technology.

They were up against much older and experienced teams competing in what is known as the middle tier 'Development class' even though we had originally prepared for the class under which is called 'Entry class'

In spite of this Team Typhon and Team Knetik gave good accounts of themselves and did two rounds of presentations where they handled questions from the judges. When it came to the award ceremony we did not expect to take anything home being amongst such quality older teams. We were all pleasantly surprised when team Typhon won the prestigious judges choice award. Well done team Typhon! Your hard work each Thursday for 2 hours and every lunchtime for the last ten weeks paid off. Next year we will be back aiming for a podium finish to get into the nationals! Better luck next time to team Knetik, I'm sure you will be back!

Thank you to Mr. Robertson for his expertise in manufacturing the cars and his inside out knowledge of the regulations. We could not have done it without you! Thanks to Peter Fagg, local engineer for WSP who helped the teams each week to design their cars using Fusion CAD software and give them priceless advice and go the teams thinking about engineering principles. Thanks to Nida Anis who is a experienced female motorsport engineer who has done work for Lamborghini amongst lots of other motorsport teams and is also doing a motorsport degree at Oxford Brookes who helped the teams with their design ideas and presentation.

Mr.Fortt



## Hayes Students Speak Out!

On Friday, 62 Year 10 students were lucky enough to participate in the Public Speaking workshops run by outside trainers from the Speakers Trust. Students were in two groups and had a day's training in public speaking, before delivering a speech in front of 30 of their peers. Many of us fear speaking in front of an audience, so it was especially inspiring to see our students taking advantage of this opportunity. The day began with confidence-building activities and improvisation techniques; later, students planned and delivered their own speech. Topics ranged from 'Why we still need feminism', to 'Everyone should take up skiing' to 'The power of single parents'. There were so many moments where everyone in the room was moved, persuaded and inspired, and while we were impressed by the power of so many speeches, we had to choose a number to go forward to the School Final, which will take place after half term. The winner of the School Final will then go on to represent Hayes School at the Bromley Regional Final at Langley Park School for Girls on March 17<sup>th</sup>. A great day all round!

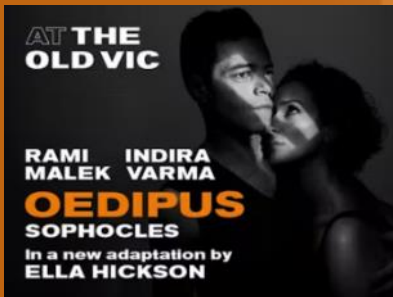
The School Finalists are:

Skye-Anna Malham  
Missy Wilkins

Jessie- Marie Kiss  
Florence Watson

Scarlet Lucas  
Summer Clark

Polina Kniazeva



English Sixth Form students had the opportunity to watch the production of Sophocles' *Oedipus* at the Old Vic Theatre in Waterloo, London. It starred Rami Malek (Freddie Mercury in *Bohemian Rhapsody*, Lyutsifer Safin in *James Bond: No Time to Die*) as Oedipus, and Indira Varma as Jocasta, Oedipus' wife. Malek was excellently able to encapsulate the tragic nature of Oedipus, whose guilt overcomes him in his doomed quest for truth. However, for me, the highlight of the cast were the dancers (of the Hofesh Shechter Company), whose intermittent performances to a spine-tingling soundtrack acted as a cathartic outpouring of emotion within the performance.

The play's exploration of guilt, truth, power and religion left me with many lingering thoughts, portraying the timeless nature of *Oedipus*- such themes remain as current and thought-provoking nearly 2500 years after it was first written. The play represented a thoughtful commentary on the human condition, and left me wondering if a constant search for truth would ultimately lead only to harm, as it does to Oedipus. After the play's conclusion, we headed back to Hayes on the train, and arrived home after a fantastic evening. I would highly recommend the play to anyone interested. Many thanks to Mr McLennan and the rest of the English department for running the trip.

Year 12 Student

This production of the Ancient Greek tragedy by Sophocles, *Oedipus Rex*, is one of the most interesting modern adaptations of ancient drama that I have ever seen. The combination of the intense and gripping story, the melancholy acting, and the interruption of conceptual dance makes for a highly sensory and thought-provoking experience. Although the dialogue and setting has been adapted largely from the original, I feel this production never once lost the original harrowing nature of the play and had a fantastic night seeing it.

Rox Duti – Year 13 Student



### Too good to be true? Protecting yourself and others from scams online

Safer Internet Day is held every February in over 170 different countries. The goal of Safer Internet Day is to call on people across the world to work together to make the internet a safer and better place for all, but especially for young people. In the UK, the UK Safer Internet Centre runs a campaign especially for the day which aims

to start a national conversation about using technology safely and positively.

The theme for Safer Internet Day this year is **Too good to be true? Protecting yourself and others from scams online.** Our school assembly this week explored this topic. Mr Loomes began the assembly with an introduction, but things were not quite as they seem as it may have looked like Mr Loomes and sounded like Mr Loomes, but it was, in fact, an AI version of him. Some of our E-Safety student leaders then discussed how scammers work and what you can do to protect yourself (thank you to Nula Miles, Jonah Shah-Newman and Emir Cengiz for their work on this assembly).

The UK Safer Internet Centre have put together some top tips for Parents and Carers to help keep your child safe online from scams: <https://saferinternet.org.uk/safer-internet-day/safer-internet-day-2025/tips-for-parents-and-carers>

More information about e-safety can be found on the school website: <https://www.hayes.bromley.sch.uk/home/parents/e-safety/>



## Young Artists' Summer Show 2025

The Young Artists' Summer Show is a free, open submission exhibition for young artists aged 4–18 years living and studying in the UK.

Students can submit one artwork for consideration which will be judged by a panel of artists and arts professionals. Selected artworks will be displayed at the Royal Academy of Arts either onsite or online.

### How to enter

From 6 January 2025, teachers will be able to register their school. Next, teachers and parents/guardians can submit artworks via the RA website until 5 March 2025.

### Important dates

**6 January – 5 March 2025**  
Registration and submission open

**May 2025**  
Judging

**15 July 2025**  
Online exhibition opens

**15 July – 10 August 2025**  
Display at the RA open

Sign up and find out more  
[royac/youngartists](https://royac/youngartists)  
#RAYoungArtists

Made possible by Robin Hambro

**RA** Royal Academy of Arts

An exciting opportunity has come up to enter the Royal Academy summer show for young people. All entries to be given in by Friday 28th February. Hand into Mrs James in B1F or your art teacher.

# STUDENT LEADERSHIP TRAINING

Our students leaders in Year 7 attended their first PIXL leadership session on Wednesday 12<sup>th</sup> February. The session looked at characteristics of good leaders as well as forward planning for their individual positions. The students were brilliant, we have some inspiring and aspiring future leaders!

Mr Moore



Miss Larbi arranged a speaker from **Generation2Generation (a charity)** who are an organisation that provides a platform for 2<sup>nd</sup> and 3<sup>rd</sup> generation holocaust survivors to tell their stories.

Seymour Kelly came in to speak with the Year 9's about his mother's Lushka' Kelly's story. A powerful, thought provoking and insightful presentation was given.



**This month saw Hayes recognise LGBTQ+ History month with the theme this year being around activism and social change. There was an opportunity in assemblies for students to reflect on the history of LGBTQ+ rights and how far society has come with inclusivity and education. Miss Larbi has done another fantastic job with her students in updating the living wall to recognise this. Students were given the opportunity to reflect on some though provoking questions based around both LGBTQ+ and women in Science.**





# Music Success

Congratulations to Grace Iyashere, who has won not only the Rotary Trotman competition for young singers in Bromley, but also the district final for the Rotary Young Musician of the Year. Grace sang a programme of Purcell, Mozart, and Frederick Leowe, and will now go on to the national finals.



We are very proud of Grace and wish her the very best of luck!

# Thank you for Parking Considerately

When driving to the school, please can we remind you to park with consideration for our neighbours.

As a school, we have a very limited proximity that students travel from. Please ask yourself if your child can get to school using public transport or on foot and, if you have to drive them, please ensure that you are not blocking driveways or inhibiting the journeys of local residents.

## Top Attendance W/C

Year	Tutor group	Percentage
7	7EKA	97.81%
8	8LAT	96.67%
9	9CAT	94.55%
10	10ZEO	97.88%
11	11SZB	96.45%
12	6JAS, 6KAR	100.00%
13	6NAM	93.85%

# Attendance

## Top Attendance W/C

Year	Tutor group	Percentage
7	7MAT	98.18%
8	8MSK	95.94%
9	9SMC	98.06%
10	10KAN	94.67%
11	11MJD	96.13%
12	6AMT	100.00%
13	6DC	97.27%

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