



## SWPS NEWS



### MR C C MULLER—HEAD

National Science week is always a great opportunity for SWPS students to demonstrate their knowledge of, and love for, science. Talks, presentations and chemical symbol hunts have all played their part this week in celebrating everything scientific. From computers to Aqua Dragons and even to Spaghetti Towers, the range of the scientific activities for the week was remarkable.

Of course, scientific understanding is part and parcel of a broad, general and well informed education. Secure scientific knowledge enables an individual to understand the world more completely as well as to design and construct objects that work. In short science produces something.

Although in no way a scientist in terms of my own education, I can recognise and empathise that science is fun, fascinating and awe-inspiring. It provides endless intellectual enjoyment.

But perhaps, the most important aspect in the learning and studying of science resides in the fact that it broadens the mind and stretches the imagination. Our knowledge of science enables us to realise that our universe is infinitely more marvellous than anything we ourselves could have created or dreamed up.

This thrill, this excitement, this wonderment, comes to all of us naturally when we consider and examine any question in science. The more depth with which we study the scientific, the more awe we find ourselves encountering. With greater knowledge comes greater confidence to pursue the question deeper, as well as, paradoxically, greater awareness of how little we currently know.

Scientific answers are never disappointing and often surprising, and it is this "unimagined strangeness" as the physicist Richard Feynman once put it, that is the reward of the adventure that is science. It has been a great week for science at SWPS.

### Easter eggs for the bees!

A hive of activity outside the Dining Hall this week – ordering an Easter egg for your teacher, with profits going to Save the Bees. Judging by the swarms around the table today, which made the corridors buzz with excitement, our students should be making a very healthy donation!



### Photography on Monday 25 March 2019

Our Communications Department will be having the first of our summer photography update days on 25 March, to update our library of images for general promotional purposes.

In line with our privacy notice, the photos we end up using will not name any student, will mostly consist of groups of students, and if we decide to use photos of only one or two students, consent will be requested from parents and student, further down the line.

If you do not wish your child to be in a photograph, please just tell them to remove themselves from the camera's "line of fire" on the day! If your child does wish to be in a photograph, they must be adhering to the uniform rules.

We look forward to a beautiful sunny day and wonderful photographs!

### Upcoming Events

17 Mar	<b>DofE:</b> Bronze Training
18 Mar	<b>Geography:</b> Kew Gardens (8W/8X)
	<b>Y10 'How to Revise' Workshop</b>
19 Mar	<b>RS:</b> 6F Lecture at Salesian School
20 Mar	<b>Admissions:</b> Prospective Pupil Info Morning
21 Mar	<b>Sport:</b> 'An Olympic Dream' talk by Helen Richardson-Walsh MBE
	<b>Y8:</b> Parents' Evening
22 Mar	<b>Maths:</b> UKMT Team compete in regional finals
22–24 Mar	<b>MUN:</b> Haileybury Conference
23 Mar	<b>Year 4 Workshop:</b> DT Amazing Mazes
23–25 Mar	<b>SWPSBC:</b> GB Trials Nottingham
27 Mar	<b>Music:</b> Spring Concert
28 Mar	<b>Perkonians:</b> Alumnae Morning
30 Mar	<b>Admissions:</b> Chertsey Trail for Sept 2019 Y7 Families
	<b>SWPSBC:</b> Dinner & Awards Evening



### Young Enterprise

Our two Young Enterprise companies put up a terrific performance in the North Surrey final this week. Each company was judged on its presentation, trade stand and company report.

Both companies have had an extremely successful year with RAH Enterprises making and selling bowls produced from 2nd hand vinyl records, picture frames and eventually coffee cups, and Amaze selling hand-painted letters. At the end of the evening RAH Enterprises were awarded with the prize for the Best Presentation which is a tremendous achievement. Well done to both companies.



### Geography—Indigenous Tribes

8W have been continuing their research on the lives of indigenous tribes such as the Kayapo. They produced a fantastic array of imaginative and creative artefacts for their class presentations.

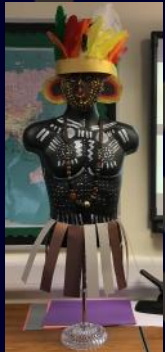


Maya, Evie and Kate produce a typical Kayapo meal of rice, grains and vegetables on hand decorated plates.

Charlie and Ella produced a model wearing a traditional Kayapo feathered headdress and body paint.



Addy and Megan modelled the red and black body paint - the red paint brushes off on rainforest plants and trees to help the hunters find their way home.



### DofE Volunteer Leaders' Training Weekend

Last weekend saw the annual SWPS DofE new volunteer training weekend, all of whom are looking forward to getting involved in DofE expeditions over the coming summer months. The weather forecasts tended to be pessimistic but Saturday was a perfectly cool and sunny day for walking. Six new volunteers along with four experienced leaders gathered on Saturday morning in Shere, near Guildford, before navigating a



winding route to Bentley Copse Scout camp site. Along the route the more experienced leaders helped coach and explain to the new volunteers, what's required when acting as a DofE group supervisor.

Following a pub dinner, we were all tucked up in our tents and sleeping bags when the rain and wind arrived! Finding the site littered with fallen tree debris in the morning was quite an eye opener! The weather improved, however, and it was dry for the walk back to Shere, where the heavens opened as both teams arrived in the car park. Perfect timing! The volunteers now understand what is expected of the DofE students and are in a great position to pass on instructions and advice to the new cohort of Bronze level students.

Thanks as ever to the experienced volunteer leaders for giving up their time to train the new volunteers. The DofE scheme at SWPS simply could not exist without our volunteer help.



## SPORTS NEWS

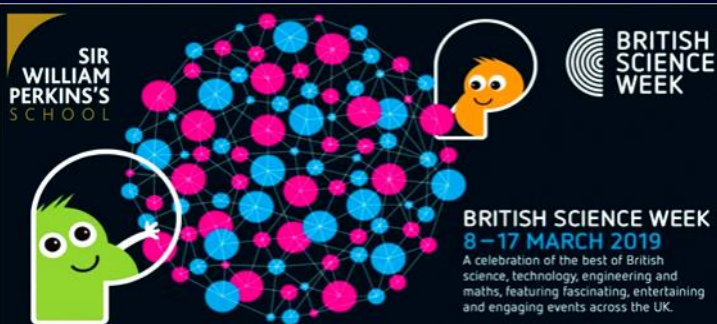


### Hockey

The Year 8 hockey squad had a great day at the Surrey Tournament, narrowly missing out on a medal, finishing 4th out of the 20 teams there. The squad won their group with wins over Sutton High, Wimbledon High and St George's before defeating Nonsuch in the quarter final 1-0. This brought a semi-final against Reigate Grammar School where they lost to a last minute winner, leaving them to play James Alleyn GS in a 3rd/4th playoff. Despite all their great efforts it was another 1-0 loss but the squad showed throughout the day the improvements made in the last 2 seasons and should be very proud of their performances.

The Year 9 hockey squad played Notre Dame on Wednesday and although they lost 2-0 it was a very even and closely fought game. SWPS keeper Harlie Curtis was player of the match, producing great saves and clearances to thwart the Notre Dame forwards. A spirited

2nd half performance brought about several chances to score but they went agonisingly wide or were well saved. Another improving performance with a lot of effort from the squad.



**BRITISH SCIENCE WEEK  
8-17 MARCH 2019**  
A celebration of the best of British science, technology, engineering and maths, featuring fascinating, entertaining and engaging events across the UK.

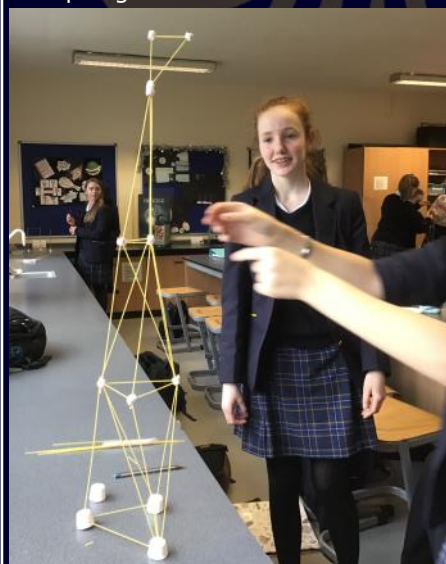
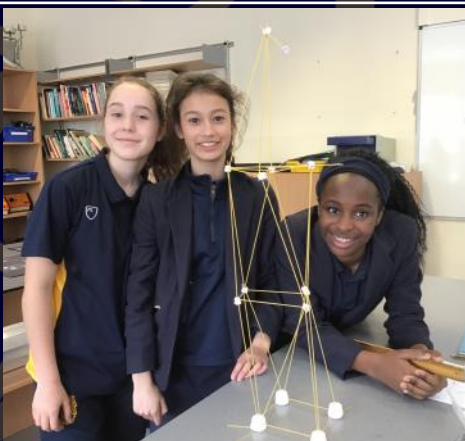
At SWPS, we celebrated British Science Week 2019!

All this week, we've had a number of exciting events and activities at the School, involving STEM subjects, such as:

When	Activity
<b>Monday</b>	<ul style="list-style-type: none"> <li>Y7 Launch Lab Coat Competition—<i>Form Tutors</i></li> <li>Y10—S6 Kahoot Science Quiz—<i>Form Tutors</i></li> <li>Y7 Quiz in Science Club (1pm, Lab 234) CHOCOLATE PRIZES! - <i>Mrs Sumeray</i></li> <li>Y7 Chemistry: element search throughout the school (all day) - <i>Mrs Bodkin</i></li> </ul>
<b>Tuesday</b>	<ul style="list-style-type: none"> <li><b>Junior Assembly: Living on Mars</b>—<i>Dr Masri</i></li> <li>Y10 Biology Lesson: Aqua Dragons activity—<i>Mr Smith &amp; Mrs Husselbury</i></li> <li>Y8 Physics: Building Spaghetti Towers—<i>Mr Tilling</i></li> <li>Y8 Chemistry: Problem Plastics—<i>Mrs Smith</i></li> <li>Y9 Physics: Rockets on the Field—<i>Mrs Sumeray</i></li> </ul>
<b>Wednesday</b>	<ul style="list-style-type: none"> <li>Y9 Physics: Rockets on the Field—<i>Mrs Thomas</i></li> <li>Y8 Physics: Building Spaghetti Towers—<i>Mrs Thomas</i></li> </ul>
<b>Thursday</b>	<ul style="list-style-type: none"> <li><b>Senior Assembly: Unexpected Discoveries</b>—<i>Miss Brown</i></li> <li><b>Pi Day: Maths Activities</b>—<i>Miss Golding</i></li> <li>Y10 Biology: Aqua Dragons—<i>Dr Masri</i></li> <li>Y9 Physics: Rockets on the Field—<i>Mrs Thomas</i></li> <li>Y8 Physics: Building Spaghetti Towers—<i>Mrs Sumeray</i></li> </ul>
<b>Friday</b>	<ul style="list-style-type: none"> <li>Y10 Biology: Aqua Dragons—<i>Mr Smith &amp; Miss Brown</i></li> <li>Y8 Physics: Building Spaghetti Towers—<i>Mrs Sumeray</i></li> </ul>
<b>All Week</b>	<ul style="list-style-type: none"> <li>Y7 &amp; 8 Computer Science: Taster to Microbit</li> <li>Library displays!</li> </ul>

### Physics: Spaghetti Towers

Years 8 & 9 were learning about structural integrity through competing in Spaghetti towers where, as groups, they had to construct a tower out of dry spaghetti strands as high as they could make it without it collapsing.



The Year 8 winners: Annabelle, Ki and Eimear reached lofty heights of 76cm. (above)

The Year 9 winners: Emma, Anna, Lauren and Katherine reached a whopping 85cm! (left)

### Pi Day 2019

On Thursday of this week (14th of March, 3-14 in the US), students celebrated World Pi Day with a range of activities. Pi



bracelets were made during break times, while Year 7 enjoyed a themed treasure hunt during their Maths lesson.

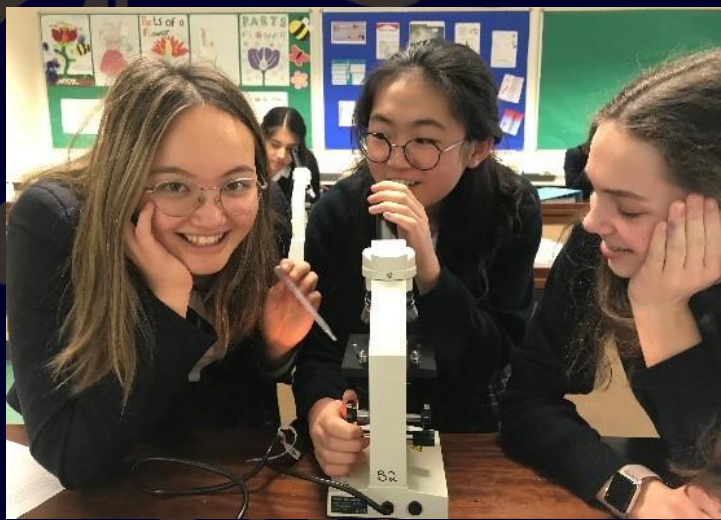
The Physics department also contributed, showing the relationship of pi to a collisions problem.

Everyone enjoyed the day and we hope learned a little bit about this special number.



### Biology: Sea Monkey Investigation

Sea Monkeys (*Daphnia magna*) are small planktonic crustacea. They inhabit a variety of freshwater environments. For Science Week in Biology, Year 10 students investigated the effect of caffeine on heart rate.



## DESIGN TECHNOLOGY

### Designs of the Week: 8W

We have been really impressed with our new Year 8 groups who have just rotated to DT, here are some exceptional examples of research and design work completed by students in 8W for their bookend projects. Students have researched their favourite stories and extracted themes from them to come up with their own creative and original ideas. We look forward to seeing how these develop!



### Reception Coffee Table Project

The Year 12 A level Design Technology students are currently doing an exciting collaborative project designing and making a coffee table which will live in the SWPS front reception. The three students have been in talks with their client – Mr Muller to ensure that they hit the mark with their brief he has set for them.

Their design will incorporate a slice from a willow tree cut down when the boat house

was built in a creative way as well as other types of wood. In the photographs you can see their developmental sketches and models. More to come as the manufacture begins in the coming weeks.



Follow the SWPS Design Technology department [@SWPSDesign](https://twitter.com/SWPSDesign) to keep up with all of their creations and activities!

## ARTWORKS OF THE MONTH

Here's our third Artwork of the Month for March, selected by the Art & Design Dept staff. It is by **Isobel (Y11)**

Take a look at more of our students' artwork on the Art Dept website: [artdesignswps.org.uk](http://artdesignswps.org.uk)



## LIBRARY

### Book of the Week

This week's BotW is 'Somebody I used to know' by Wendy Mitchell, selected by Mrs Vidgen.

How do you build a life when all that you know is changing? How do you conceive of love when you can no longer recognise those who mean the most to you?

A phenomenal memoir - the first of its kind - *Somebody I Used to Know* is both a heart-rending tribute to the woman Wendy Mitchell once was, and a brave affirmation of the woman dementia has seen her become.

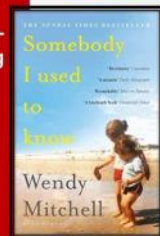
'Revelatory' *Guardian*

'A miracle' *Telegraph*

'Remarkable' *Daily Mail*

'A landmark book' *Financial Times*

Book of the Week



### What's on in the Library

Follow [@SWPSLibrary](https://twitter.com/SWPSLibrary) to keep up-to-date with what's happening in the Library!

## MUSIC

On Saturday 23 March, come and enjoy an evening of accessible, entertaining French music with tunes you will know and love, including a piano concerto performance by a talented young scholar at Guildhall, cousin of one of our own SWPS students. Tickets available at HG Wells box office or on the door.



Woking  
Symphony  
Orchestra

SATURDAY 23 MARCH, 7.30PM

HG WELLS, CHURCH STREET EAST  
WOKING GU21 6HJ

## CLASSICALLY FRENCH

DEBUSSY Prélude à l'après-midi d'un faune

SAINT-SAËNS Piano Concerto No.2

FRANCK Symphony in D minor

ROY STRATFORD Conductor

WILL BRACKEN Piano



Tickets Adult £14 • U16/Student £7 • from [www.wokingso.org.uk](http://www.wokingso.org.uk)  
[wokingsymphony@gmail.com](mailto:wokingsymphony@gmail.com) & HG Wells box office 01483 712710  
Registered charity 295247 • Presented by WokingSO Productions Ltd



#### Gold Medallist Visit to SWPS

This coming Thursday (21 March) Olympic Hockey Gold Medallist Helen Richardson-Walsh MBE will be visiting SWPS to both coach the pupils on the pitch and to give a talk on her Olympic experience, giving first hand insight into what it took to become a champion. Details below but spaces for the coaching session are running out fast so please act soon to avoid disappointment.



BUILDING CONFIDENCE, INTEGRITY & EXCELLENCE

## AN OLYMPIC DREAM

An evening with **Helen Richardson-Walsh MBE**  
Team GB Olympic Hockey Gold Medallist 2016



Thursday 21 March  
At Sir William Perkins's School  
5:00 pm — 9:00 pm

The evening includes:

- ♦ a pro hockey coaching session\*
- ♦ refreshments
- ♦ an inspiring talk by **Helen Richardson-Walsh MBE**
- ♦ a Q&A session
- ♦ opportunities for autographs
- ♦ and an auction for a personally signed GB Hockey Shirt!

**LAST  
CHANCE**

**5:00 PM—6:30 PM**

**PRO HOCKEY COACHING SESSION\***

**6:45 PM—7:15 PM**

**REFRESHMENTS**

**7:15 PM—8:30 PM**

**'AN OLYMPIC DREAM' WITH Q&A**

**8:30 PM—9:00 PM**

**AUTOGRAPHS & AUCTION**

**BOOK YOUR PLACE BY VISITING**

**[WWW.SWPS.ORG.UK/AnOlympicDream](http://WWW.SWPS.ORG.UK/AnOlympicDream)**

**BY FRIDAY 15 MARCH!**

#### TICKETS

Pro Coaching Session + Talk*	<b>£30</b>
*(SWPS Students ONLY    first-come-first-served basis)	
Talk (ADULT)	<b>£15</b>
Talk (JUNIOR / U18)	<b>£10</b>

# **Second-Hand Uniform Sale in the Atrium from 11:30am-1pm on Saturday, March 30th**

**Friends of SWPS will be holding a uniform sale and are requesting any second-hand uniform, PE Kit and DofE kit that your child has outgrown or no longer needs. Earn money back by selling through Friends of SWPS.**

Click Here to access instructions, terms and conditions, labels and forms from Friends of SWPS if you would like to sell your second-hand uniform through us. Or donate your uniform to the school to contribute to raising funds, helping towards our children's education.

Drop your second-hand uniform and DofE kit off at the storage boxes in the pupil entrance anytime up until the 29th of March.

Contact Kirsten Patient if you would like to buy second hand uniform, but cannot make the sale or if you have any queries about selling items.

**07807623498**  
**kirsten.patient@live.co.uk**



## SPRING CONCERT

Wed 27<sup>th</sup> March  
Main Hall, 7pm



Enjoy an evening of great music  
performed by our talented students.  
Plus, refreshments served by Friends of SWPS.

[CLICK HERE TO RESERVE YOUR PLACE](#)

## TEAM SWAMPIES ARE BACK!



On Sunday 19 May 2019 a Brave (and misguided) group of SWPS staff known as team SWamPieS are taking on their 6th year of charity challenges and return to - Dragon Boat Racing (sorry - no mud this year!).

The SwamPieS team are Dragon Boat racing at Goldsworth Park, Woking and need your support. This is a fun day and friends and family are welcome to cheer on the participants so please come along to support team SWamPieS!

Once again, SWamPieS are fundraising for Woking & Sam Beare Hospices and are gratefully receiving donations on their justgiving page.

[CLICK HERE TO DONATE](#)



## SAVE THE DATE PERKONIAN NETBALL TOURNAMENT SAT 27 APR

### TEAMS WANTED:

- Current Students
- Current Staff
- Parents
- Perkonians

A fun-filled tournament  
followed by delicious  
afternoon tea!

Email:  
[alumnae@swps.org.uk](mailto:alumnae@swps.org.uk)  
[to sign up](#)



ALL  
WELCOME!

REGISTRATION NOW OPEN!



## SUMMER YOUTH BRIDGE PROGRAMME

"This is actually one of the last games where  
the computer is not better" (Bill Gates)



- Learn to play or improve your bridge
- Every Monday morning at 10:30 am to 12 noon
- Every Thursday afternoon at 1:30 pm to 3pm
- For **ALL STANDARDS** (ages 6 and upwards)
- **NO PRIOR KNOWLEDGE REQUIRED**
- **SEPARATE SECTION FOR THOSE WHO HAVE PLAYED BEFORE**
- Qualified Teachers • No partner required

**JULY  
9 to  
AUGUST  
31**



At the UK's No 1 Bridge Club:  
**Richmond Bridge Club**

Cambridge Park, Twickenham TW1 2PG

**TO BOOK:** [www.richmondbridgeclub.com](http://www.richmondbridgeclub.com)

07725 761 068 / [julia@richmondbridgeclub.com](mailto:julia@richmondbridgeclub.com)