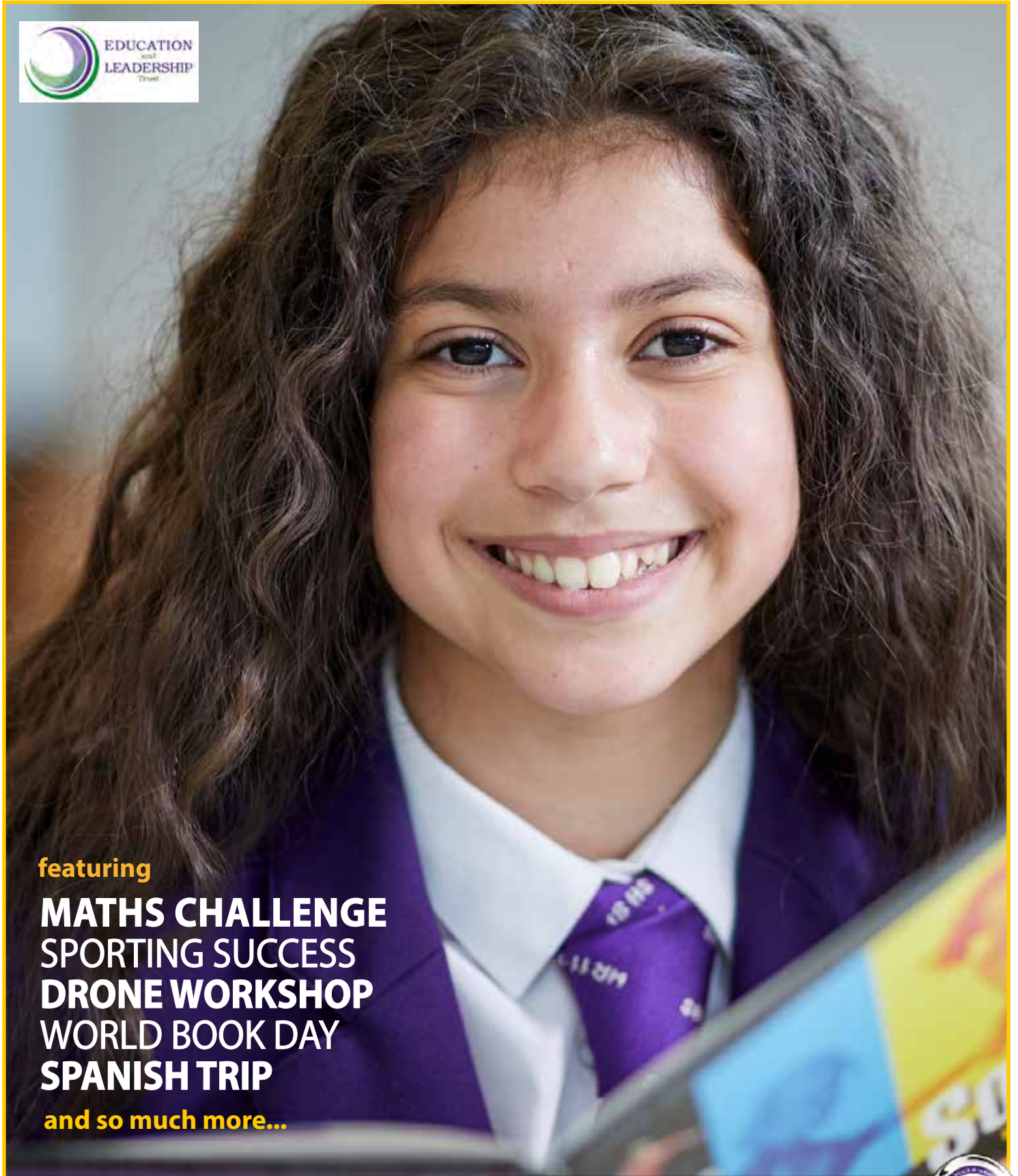


PARTNERSHIP NEWS

SUMMER 2019

NEWS • REVIEWS • FACULTIES • CHARITY • PERFORMANCE • SUCCESS



featuring

MATHS CHALLENGE
SPORTING SUCCESS
DRONE WORKSHOP
WORLD BOOK DAY
SPANISH TRIP

and so much more...

HEPBURN



PARKS



ANGELOU



GERMAIN



FRANKLIN



WELCOME FROM THE **ACADEMY HEADTEACHER**

Ms P Kane MA - Executive Headteacher Mrs E Hole - Academy Headteacher



This is our final Partnership News of the year and it contains many exciting articles, showing what a wonderful experience our students have in school with such a wide range of opportunities. All the activities support the curriculum and help them develop a wide range of skills to prepare them for their future. We are very pleased to have a wonderful partnership with Deloitte who have been doing great work with the Sixth Form students; which has included mentoring and writing CVs, to help the students to progress on to university and other employment. We are also very proud to have such strong links with the universities and we have recently been awarded Leading Partnership Status with Manchester Metropolitan University. This term we will have many events to celebrate the successes of our students throughout the year and we hope you can join us in these celebrations.

I hope you enjoy reading this edition of Partnership News and have an enjoyable Summer break.

Mrs E. Hole - Academy Headteacher



DELOITTE PARTNERSHIP **Breaking the Class Ceiling**

Chris Rix, a Partner at Deloitte was interviewed by BBC Radio 4 for a programme on social mobility and his involvement in the outreach programme with schools. Students from the Sixth Form were also interviewed to find out how the mentoring programme and other initiatives Deloitte have provided for us have supported them with helping them to progress onto university, apprenticeships or employment. This was a fantastic opportunity for the students to be involved with and they were a real credit to themselves. The programme was broadcast on 25th February at 11am on Radio 4 and proved to be a real success.

YEAR 12 TRIP

L'Oréal/Lancôme Head Office and The Trafford Centre

The Year 12 Level 3 Business Diploma class were invited on a trip to the L'Oréal Head Office, in Old Trafford, Manchester, where they met make-up artists who work on the L'Oréal and Lancôme beauty counters across the UK. Students were given an insight into how their products are developed and marketed, as well as a tour around the warehouse which distributes thousands of beauty products to various stores. Students thoroughly enjoyed their day and were gifted a goody bag from Lancôme containing the latest skincare and beauty products.



Students then visited the Trafford Centre where they were given the chance to have a makeover at the beauty counters in Selfridges and Boots. Overall, the students had a fantastic day.

Leading Partnership Status

Whalley Range 11-18 High School and Manchester Metropolitan University have enjoyed a long partnership in teacher training and as a school, we have offered many placements in a range of different subjects. In the Summer of 2019, we were proud to achieve recognition of the teacher provision on offer in school as we were awarded 'Leading Partnership Status' after a quality assurance visit from the lead partnership tutor. The MMU tutor identified strengths in the pastoral support for student teachers; whole school literacy provision; the professional studies programme and the subject mentor input as particular areas to be shared across the trust and the MMU partnership.



Sociology Update

It has been a busy term in the world of WRHS Sociology, as on top of the usual business in the run up to GCSE/A Level exams the department have been involved in two projects with local universities.

Firstly, Professor Fiona Devine (Head of Alliance Manchester Business School pictured right) came to speak to GCSE Sociology students about her 'Affluent Workers: Revisited' study from the mid 90's and her involvement in the BBC 'Class Calculator' project from 2010.



Professor Devine's studies are a new addition to the GCSE Sociology specification and staff and students were extra pleased that she came to visit, as her study featured in the recent GCSE paper.

Secondly, eighty Year 9 students who have opted to study GCSE Sociology from Year 10 had the opportunity to spend the day as an Undergraduate Sociology student, as part of a widening participation event hosted by the Faculty of Education & Social Sciences teacher training department. All students made their own way to and from the event and experience a tour of the campus, a lecture and seminar and all came home very excited to begin their Sociology studies in September.

POWERING TRANSFORMATION

On 1st April, 54 Year 7 students attended the "Powering Transformation" workshop at the University of Manchester, run by the Transformation Trust charity and technology company Dell.

During the morning, the students were given a tour of the university campus, seeing a variety of faculties, lecture halls, student welfare and entertainment facilities. The students then worked in teams to assemble a solar powered toy car, which were then raced to find a champion!

In the afternoon, the students worked in their groups to identify a big issue affecting the world in the 21st Century and come up with a technological solution. Problems tackled included air pollution and homelessness, with the winning group tackling mental health provision. Each group made a PowerPoint presentation, speech, poster and poem outlining the problem they were focussing on and their solution. They also took questions from peers and representatives from Dell.



LAW COURTS VISIT

On Wednesday 1st May the Year 12 and 13 law students took part in a Mock Trial at the Manchester Criminal Courts. The trial was based on an actual case and took place in Court 16 - a real life court room. Students were all allocated roles- judge, barristers, witnesses, defendant, victim, jury, usher and clerk and were asked to come up with questions (from the legal teams) and answers (from the witnesses) based on witness statements. The jury was then asked to decide an outcome. We found the defendant unanimously not guilty - we were then told in the actual trail he had been found guilty and sentenced to



12 years! I bet he wished he'd had our jury!! It was great to see the students able to dress the part and act out roles that we have learnt so much about in class.



Mariam and Krystal felt it was a great experience especially as they were in a real courtroom re-enacting a real case. Maymuna the defendant said she actually felt guilty especially when questioned by our barristers.



All the students would definitely recommend this trip for future students aspiring to be legal professionals.

Origami – Craft Club



Origami is a fantastic way of learning by creating simple folds and creases to make a variety of designs and the results happen in minutes.

This half-term students taking part in Craft Club experienced massive satisfaction when they managed to transform a piece of paper into something beautiful and useful, table decorations for parties. Everyone agreed that you really don't need to spend a fortune for pretty party decorations to impress friends and guests as you can easily make your own ornaments by using floral patterns or metallic paper.

So, come along to A124 every Friday, lunchtime, where origami can take your mind to a happy place.



INTERVENTION

Another successful year of all the different Intervention programmes delivered by mentors and the Intervention Team, is coming to an end.

Parental workshops

We invited parents/carers of students participating in our Intervention groups to discuss their daughter's progress and to suggest strategies for improvement. Mrs Quinn explained about the success of the Catch up Literacy Programme and how they could support the improvement of their child's reading age by reading more at home. Ms Altaf was able to demonstrate the use of Success@Arithmetic and how different strategies could be implemented at home to support their child's learning.

Mrs Bajwa reminded parents that Breakfast Reading is run every morning at 7.45am to 8.15am from Monday to Thursday.



EAL Adult English classes

Mrs Bajwa's EAL adult class had an end of year party to celebrate all their efforts for attending the classes on Tuesday and Wednesday evenings in all weathers. All students have improved their English skills and are becoming more confident.

They have also learnt basic Mathematics and computer skills, as requested by the class. Weeam and Yasmeen have been perfect mentors for our group this year.



Ansar Parveen (EAL Student) had this to say; ***"I love the English and computer classes which I have attended this year. I have improved my English and I am more confident to speak to the teachers and my neighbours in English. I would like to thank Mrs Bajwa for teaching me and being so patient. I hope to carry on with these classes next year too"***

Intervention/Inclusion Celebration

Certificate presentation 26th June 2019

Over 200 students were presented with certificates by our Academy Headteacher, Mrs Hole for - Maths Challenge, Catch up Literacy, First class Numeracy, Success@Arithmetic, Bedrock, and Intervention clubs for Maths, Science and English KS3/4 Breakfast Reading and Adult EAL classes.



Sorrel Wilson, Maths Challenge mentor said, ***"I enjoyed the experience and was pleased to see the progress my students had made"***.

Reward Trip

Students who had worked on the different Intervention programmes and who had made significant improvement, had excellent attendance and behaviour, were able to go to the Trafford centre to watch a film, have lunch and do a little shopping.

If you would like to be a mentor for Catch up Literacy or Maths Challenge please contact Mrs Bajwa: HBajwa@wrhs1118.co.uk



Parents/carers if you would like to learn or improve your English or Mathematics skills, please contact Mrs Bajwa.

Students; if you want to improve your Reading, come to A119 for breakfast reading with Mrs Quinn. To attend the KS3/4 Intervention clubs see Miss Altaf, or Mr Grieve at break, lunch or after school.

PE, SPORT AND ACTIVE LIFESTYLES

DANCE CLUB

Dance club has really taken off this year! We have a fantastic dance teacher called Natsha Sweeney-Meadowcroft, who is from a company called 'Girls Without Boundaries'. The students are working towards a dance competition in July which will take place at Old Trafford Cricket Ground, where they will compete against other schools in Manchester. The girls are extremely committed and very passionate about dance.

Good luck girls for the competition!



KS3 FOOTBALL

Recently the Whalley Range KS3 Football team managed to secure a 2nd place finish in the Manchester schools football league. They advanced to the cup finals tournament as a result of finishing 2nd. The girls managed to finish runners up of the Championship cup. They faced strong competition in the form of Parrs Wood and TEMA, beating both 3-0 and 2-0 respectively, before narrowly being edged out 1-0 by a late Wright Robinson goal in the final. Special mention to the team that played in the Championship finals – Iman Ahmed, Khushboo Bhatti, Ruby Mckay, Laiba Arshad, Safaa Al Mahmoud, Khadijah Mia and Aseel Baswail.

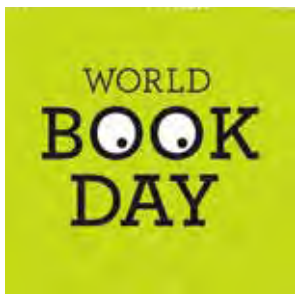
World Taekwondo Championships

A group of Year 7 to 9 talented students in PE attended the 2019 World Taekwondo Championships at Manchester Arena. The students could watch Olympic and World level athletes compete in the preliminary rounds of the World Taekwondo Grand Prix to gain vital points toward their qualification for the Tokyo Olympics in 2020. Students were also able to try and learn some Taekwondo moves from professional coaches. The whole day had an unbelievable atmosphere and it was an honour to take part in such an unforgettable sporting event.



YEAR 9/10 FUTSAL

The Year 9/10 Futsal team managed to secure a 2nd place finish in the u15's Manchester School Futsal competition. The team then advanced through to the Greater Manchester schools tournament where they put a solid performance in but narrowly missed advancing again to the next stage of the competition. Special mentions to Zainab Sajjad, Rahma Alim, Razaan Forjani, Daisy Lowe, Zaynab Mohamad, Laiba Ejaz and Kaya Smith.



Once again it's been a busy time in the LRC, Learning Resource Centre, here at Whalley Range 11-18 High School. There have been lots of activities and competitions going on and our students have had great fun taking part. One of the main events was on 7th March 2019, World Book Day. This is always great fun here at WRHS. Lots of the staff got involved dressing up as their favourite book character. Students were challenged with trying to find as many staff as possible and to guess which character they were. This started lots of conversations about books, why it was a favourite book, storylines and characters and more.

Mrs Davies also organised a 'Guess who's coming to Dinner?' competition. This was a treasure trail of clues to various book characters. Students had to follow the clues and fill the 8 seats at the dinner table. This was great fun, although some of the clues were much harder than others!

The final half term of the year sees the popular Book Swap making a return. This is where students can bring in a preloved book and swap it for one that someone else no longer wants. It's a great way to get some new reading material without having to spend any money, so get sorting out those book shelves and get your swaps ready to bring in!

Mrs Davies, LRC Manager said, *'Another academic year is almost at an end. It has been busy, but as always great fun! It is lovely to see the LRC so busy at break, lunchtime and after school. I am getting asked more and more for book recommendations which is fantastic as it shows the students are really thinking about what they want to read. I am looking forward to next school year and all the activities and competitions we will be running.'*

Careers News

In collaboration with Enabling Enterprise, students have been taking part in a series of Challenge Days and a range of employer visits supported by use of the Skills Builder Framework. Their most recent visit was to EY Manchester.

Students visited the Ernst and Young Manchester office and started the day by meeting volunteers and learning about their hosts, before touring the premises to get a better picture of what working there is like. Then, they worked in teams to understand how banks can support businesses with their finances and started the main challenge of the day. The challenge was to secure a loan for a new business venture, of their devising, before running the initial set up of the business. The teams really had to demonstrate their leadership and presenting skills throughout the challenge, but especially at the end of the day when they presented their achievements back to a panel of volunteers. *"I worked with other students that I don't normally work with and it made me realise that we have more in common than I thought."* Year 10 student





MATH CHALLENGE 19

Nationally, the Top 4000 of Year 9 students have been invited to the follow-on round. Well done to Tafriha, Eshal, Ruqayya, Mehak, Aira and Zahra who have made to the Top 4000!

Over 250,000 students from 3,000 schools across the UK participated in the national intermediate mathematical challenge in February this year.

At our school, 91 students from Year 9 to Year 10 took this competition and have achieved the best results ever with 5 Gold, 17 Silver, 11 Bronze and 9 in Follow on Rounds. Congratulations to those who have made it in to the top 40% nationally!



A huge thank you to all staff and students who have put a lot of effort into this UK Mathematical Challenge! A special mention to Mr Butt and his Top Set Year 9 students with 77% of the whole class achieving a certificate.



Only the Top 500 of Year 10 students across the UK have been invited to the Follow-on Round. Well done to Sara Amjad who has made to Top 500 and achieved a Certificate of Merit!

Maths Escape Room

Maths Escape Room runs every week Wednesday lunchtime in B112.

Students are 'locked' inside a room and must solve a range of maths puzzles hidden in the room in order to find the location of the key to unlock the door. Students work in small groups and race against the clock.

Mixing maths with creativity and team work has shown students maths can be interesting as well as helping them build their collaborative problem solving skills.



THE BATTLE of HASTINGS

First Harold defeated Harald in a terrible battle,
Then travelled across fields and past farmer's cattle.
He marched his army to Hastings town,
Came face to face with William wanting to bring him down.
Both men wanted to be king,
For riches and wealth it would bring.
Saxons and Normans raised a sword and a shield,
Face to face, neither side would yield.
Some charged in front ready to fight,
Most warriors were filled with might.
The war began and slaughtering started,
The crowds of Normans quickly parted.
Bodies on the ground so many dead,
Blood turning the field a deadly red.
Soldiers dropping again and again,
Soldiers dying until few remain.
One of these arrows flying by,
Headed straight for King Harold's eye.
Suddenly Harold fell right there,
Leaving all of his men to stare.
All of the Saxons slowly retreated,
Knowing they were now defeated,
The Normans jumped and leaped up high,
For Harold had been shot and left to die.
This Great War is part of Britain's history,
And all is found on one single tapestry.



THE BATTLE OF HASTINGS

A poem written by Gulsha Abdulkhaliq - Year 7



Mother Tongue Other Tongue

POETRY WRITING WORKSHOP



On Thursday 28th March 28 students from Year 9 volunteered to take part in a creative writing workshop with Poet and lecturer Anjum Malik from MMU. The session was offered by MMU in support of our long-term participation in the Mother Tongue Other Tongue poetry competition. This year once again Whalley Range is on the winning list! Emma Watson impressed with her entry in Mother Tongue, expressing her feelings on an Irish song. Students really appreciated the opportunity to work on their poem as a group and



with people from external institutes and here's what some of the students said:

"I enjoyed the fact that we got some useful advice and feedback. It helped me because I learned how to come up with ideas and turn it into stanza" Yusra

"I enjoyed the part about talking about your name and sharing our little bits of writing in different languages. People were really nice and helpful." Ishtar

"I think the session with the poet was fun and challenged my creativity and forced me to use my imagination. I also thought writing in a different language was hard to do but I was able to do it and made a French poem." Aminah

"I enjoyed learning about the meaning behind the names of others. I also enjoyed hearing poems and lines from other people's culture and childhood. It helped me to be creative and made me think in ways I didn't think before." Layla



LANGUAGE MENTORING LUNCHES

Wednesday lunches in C203, some of our lovely Year 10 have been giving up their time to help and support other students with their language learning. Speaking skills were improved, revision techniques were shared and excellent use of resources were demonstrated.

SPANISH TRIP

Everyone on our Spanish trip to Malaga had a great time, although first we had to wake up at 2am to catch the early flight! The sun was shining on arrival and we all ventured to the beach. Mr Beaudon made us do a lot of walking to burn off the calories from the yummy churros dipped in chocolate we all had.

The next day we visited the Picasso Museum in Malaga and we enjoyed the shopping and the ice cream. Some of the students also ordered their ice creams in Spanish.

On the last day, we visited the beautiful historic city of Alhambra where our students helped to translate some of the Arabic on the Moorish architecture.

Nos lo pasamos bomba! - We had a great time!

Gracias to our wonderful students who were a credit to the school from Mr Beaudon, Mrs Georgalidou and Mrs Muñoz Morales.



Science

THE INTERNATIONAL YEAR OF THE PERIODIC TABLE

A Common Language for Science

The Periodic Table of Chemical Elements is one of the most significant achievements in science, capturing the essence not only of chemistry, but also of physics, medicine, earth sciences and biology.

1869 is considered as the year of discovery of the Periodic System, and Dmitri Mendeleev was a major discoverer. 2019 will be the 150th anniversary of the Periodic Table of Chemical Elements and has therefore been proclaimed the "International Year of the Periodic Table of Chemical Elements (IYPT2019)" by the United Nations General Assembly and UNESCO.



The Periodic Table of Elements

1		2										3										4										5										6										7										8										9										10										11										12										13										14										15										16										17										18																	
1 H Hydrogen		2 He Helium		3 Li Lithium		4 Be Beryllium		5 B Boron		6 C Carbon		7 N Nitrogen		8 O Oxygen		9 F Fluorine		10 Ne Neon		11 Na Sodium		12 Mg Magnesium		13 Al Aluminum		14 Si Silicon		15 P Phosphorus		16 S Sulfur		17 Cl Chlorine		18 Ar Argon		19 K Potassium		20 Ca Calcium		21 Sc Scandium		22 Ti Titanium		23 V Vanadium		24 Cr Chromium		25 Mn Manganese		26 Fe Iron		27 Co Cobalt		28 Ni Nickel		29 Cu Copper		30 Zn Zinc		31 Ga Gallium		32 Ge Germanium		33 As Arsenic		34 Se Selenium		35 Br Bromine		36 Kr Krypton		37 Rb Rubidium		38 Sr Strontium		39 Y Yttrium		40 Zr Zirconium		41 Nb Niobium		42 Mo Molybdenum		43 Tc Technetium		44 Ru Ruthenium		45 Rh Rhodium		46 Pd Palladium		47 Ag Silver		48 Cd Cadmium		49 In Indium		50 Sn Tin		51 Sb Antimony		52 Te Tellurium		53 I Iodine		54 Xe Xenon		55 Cs Cesium		56 Ba Barium		57-71 Lanthanides		72 Hf Hafnium		73 Ta Tantalum		74 W Tungsten		75 Re Rhenium		76 Os Osmium		77 Ir Iridium		78 Pt Platinum		79 Au Gold		80 Hg Mercury		81 Tl Thallium		82 Pb Lead		83 Bi Bismuth		84 Po Polonium		85 At Astatine		86 Rn Radon		87 Fr Francium		88 Ra Radium		89-103 Actinides		104 Rf Rutherfordium		105 Db Dubnium		106 Sg Seaborgium		107 Bh Bohrium		108 Hs Hassium		109 Mt Meitnerium		110 Ds Darmstadtium		111 Rg Roentgenium		112 Cn Copernicium		113 Nh Nihonium		114 Fl Flerovium		115 Mc Moscovium		116 Lv Livermorium		117 Ts Tennessine		118 Og Oganesson	
Atomic Number		Valence		Symbol		Element Name		Atomic Mass (u)		Alkali metals		Alkaline earth metals		Transition metals		Post-transition metals		Metalloid		Lanthanides		Actinides		Nonmetals		Halogens		Noble gases																																																																																																																																																							

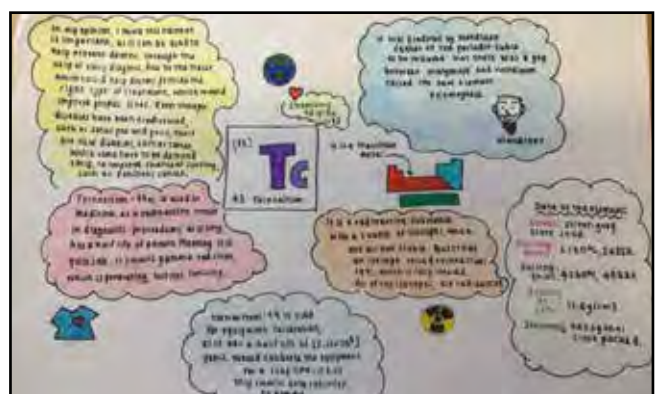
Lanthanide Series*										57 La Lanthanum	58 Ce Cerium	59 Pr Praseodymium	60 Nd Neodymium	61 Pm Promethium	62 Sm Samarium	63 Eu Europium	64 Gd Gadolinium	65 Tb Terbium	66 Dy Dysprosium	67 Ho Holmium	68 Er Erbium	69 Tm Thulium	70 Yb Ytterbium	71 Lu Lutetium
Actinide Series**										89 Ac Actinium	90 Th Thorium	91 Pa Protactinium	92 U Uranium	93 Np Neptunium	94 Pu Plutonium	95 Am Americium	96 Cm Curium	97 Bk Berkelium	98 Cf Californium	99 Es Einsteinium	100 Fm Fermium	101 Md Mendelevium	102 No Nobelium	103 Lr Lawrencium

IYPT POSTER COMPETITION

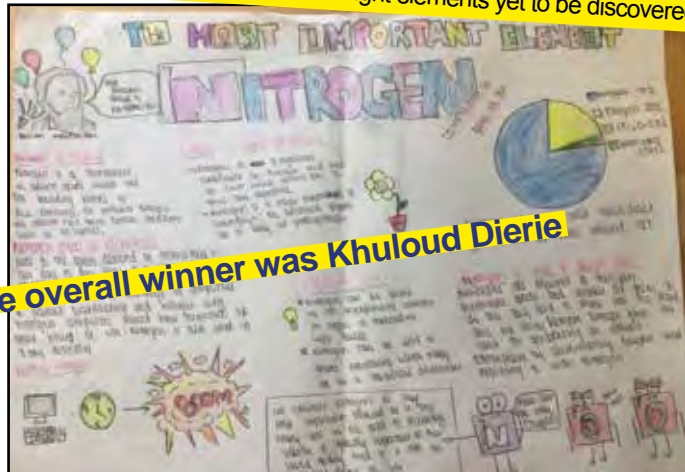
Year 10 separate scientists all took part in a competition to celebrate the International Year of the Periodic Table, which is 150 years old this year. They all designed a poster about a single element, giving facts about that element and its uses and describing why they felt their chosen element is the most important in the world we live in today. There were some fantastic entries, making judging extremely hard.

All posters will be going on display around school and well done to everyone involved.

Runner-up Subbulakshmi Dharmaraj



Dmitri Mendeleev was a Russian chemist and inventor. He formulated the Periodic Law, created a farsighted version of the periodic table of elements, and used it to correct the properties of some already discovered elements and also to predict the properties of eight elements yet to be discovered.



The overall winner was Khuloud Dierie

YEAR 8 DRONE-BUILDING WORKSHOP

On Tuesday 11th June 23 Year 8 students had the opportunity to attend a drone-building workshop provided by Mark Robinson as part of a Navigate to the Line project. All students had a fabulous time learning about lift, buoyancy, coding design and radio-control, and managed to successfully build flying prototypes. We look forward to seeing how they can develop this in class as part of their Forces and Motion topic in Science!



Salters' Institute
**FESTIVALS OF
CHEMISTRY**



SALTERS CHEMISTRY FESTIVAL

On Monday 10th June, four Year 8 students went to Manchester University to take part in the Salters Festival Challenge, competing against 12 other schools from the area. It involved a Salters Challenge in the morning and a Festival Challenge in the afternoon. The Salters challenge was to use chromatography to identify which ink was used in a particular pen and present their results in a report. For the Festival challenge they had to use their knowledge of density to create a rainbow from different coloured liquids. They found the activities challenging but extremely enjoyable and were then wowed with a Flash-Bang Chemistry show afterwards. All did extremely well.

Drama auditions

CALLING ALL THESPIANS

I am really excited to announce that Whalley Range 11-18 High School is taking part in the Shakespeare Festival with Levenshulme Drama department in November 2019. Auditions for Whalley Range students will be taking place early July so please pop down to the studio to see Mrs Cartin-Hodge to put your name on the audition list. More information will be on the student notice board about how to get involved in this amazing opportunity. Students who are successful in the auditions will be performing at a professional theatre in November. Keep your eye out for more updates.



Year 10 Drama showcase

Well done to my Year 10 Drama class for completing their first assessed showcase which was performed in front of a live audience. Their confidence and professionalism was excellent. I'm sure this will develop further by next year. I am very proud of you all, keep up the hard work!

Goodbye and Good Luck...

The Year 11s this year have been absolutely amazing and are going to be dearly missed! They are the first cohort to have completed the new acting specification and I couldn't have asked for a more determined class to take on this challenge. Your final practical showcase in front of parents and teachers, demonstrated your hard work and dedication with such thought provoking and mature topics explored. I am so proud of each and every one of you and I wish you all the luck in the world for the future!

Good Luck Class of 2019!

We said goodbye and good luck to the WRHS Class of 2019 at our Year 11 Leavers Assembly. We look forward to welcoming them back on GCSE Results Day on Thursday 22nd August 2019.



If at any time you would like to withdraw permission for your daughter's image to appear in our school magazine, "Partnership News", please contact the Headteacher through our main school number 0161 861 9727 or via email on: head@wrhs1118.co.uk.

Whalley Range 11-18 High School - Wilbraham Road, Whalley Range, Manchester, M16 8GW t: 0161 861 9727

