



From the Headteacher

Dear parents and carers

It has been a really great start to the new term. I have spoken about the new academic year and how we should look back, but be excited about what the autumn term and beyond has in store. Last time in *Nobel News* we were celebrating the tremendous examination achievements of our older Nobelians, but I have always stressed our school is not an examination factory and that we value other aspects of student development equally. Essentially, we want to maximise the academic achievement of all our students whilst developing them as good people. We want to develop students' character, so that along with good qualifications, they can enjoy happy and fulfilling lives.

To build character we will be specifically working with students to develop:

Personal Attributes - CARE

Courageous

Aspirational

Responsible

Empathic

Examples include:

- ◆ Share your work within class or in assembly (courageous)
- ◆ Perform in a school show (courageous)
- ◆ Take part in extra-curricular clubs that develop a much deeper understanding of a subject (aspirational)
- ◆ Push yourself to reach beyond your target grade (aspirational)

- ◆ Take responsibility for keeping your form room tidy (responsible)
- ◆ Join Gardening Club and keep the flower beds maintained (responsible)
- ◆ Support a new student (empathetic)
- ◆ Raise money for your house charity (empathetic)

Knowledge and Skills - LORIC

Leadership

Organisation

Resilience

Initiative

Communication

Challenges include

- ◆ Leading a form time activity (leadership)
- ◆ Leading a book club at lunchtime (leadership)
- ◆ Create a revision timetable (organisation)
- ◆ Organise photos from a school visit into a wall display (organisation)
- ◆ Complete a responsible per ownership programme (resilience)
- ◆ Learn to play a new sport (resilience)
- ◆ Volunteer to raise money and awareness for a charity (initiative)
- ◆ Set up a work experience placement (initiative)
- ◆ Communicate a message by programming a BBC microbit (communication)
- ◆ Help a member of staff deliver and assembly (communication)

As always, thank you for your continued support.

Warm regards

Martyn Henson

William's Garden

Last spring, Nobel School had the opportunity to participate in a very special art project at the Lister Hospital in Stevenage, co-ordinated by Victoria Barton, a specialist midwife in antenatal and new-born screening/foetal medicine.

Victoria explained that the maternity unit had received a generous donation from the parents of a baby boy, William, who was, very sadly, still born, and the brief was to create a bright and cheerful space in William's memory, with a garden and children's play area that other families might enjoy.

A group of Year 12 art students, led by Ella Syed and myself, Holly Brown, took up the challenge and, over the next 10 weeks or so, we attended various planning meetings at the hospital and sketched out a design. Once this had been approved, visits to B&Q followed to choose the colours and purchase all the materials for the project and, in July, the painting commenced.

Work continued well into the summer, through the heat, with some students staying at the hospital for hours, all very determined to ensure that the wall was completed and the mural was perfect.

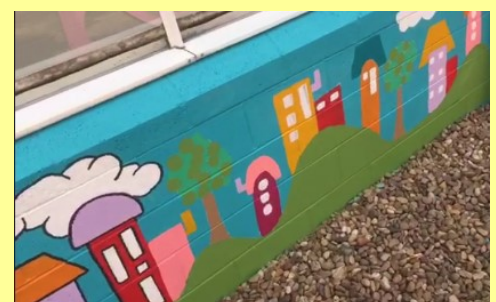


The final design included multi-coloured houses, hot air balloons, abstract trees and a plane pulling a banner with the words 'William's Garden' written on it.

With the art work completed, gardeners are busy planting flowers and preparing the area for a children's playground to be installed.

Overall, we are incredibly proud of the memorial, very grateful for the opportunity and for the support of so many students who gave their time willingly.

Holly Brown & Ella Syed



Friends of Nobel School (FONS) News

Our next event is the Year 7 and 8 Disco on Friday 12 October from 7 – 9pm. Tickets will be on sale in school shortly, and cost £2.50 in advance or £3 on the door.

This is always a well-attended event and a good chance for new students to get to know each other. There will also be plenty of drinks and sweets for sale on the night.

For more information on this or any of our events, or if you think you might be able to help out on the committee, please email:

friends@nobel.herts.sch.uk.

FONS 100 Club winners for September:

1 st	I Rioja	No 40	£32
2 nd	C Harrington	No 52	£22

The 100 Club costs just £2 a month for a number in the draw, with 50% of the proceeds being paid out in prize money and 50% going to FONS funds.

Thank you for your continued support.

NOBEL SCHOOL PARENTS, STAFF and COMMUNITY BOOK GROUP

Next meeting will be held in
the Library, 6.30pm

Tuesday 6 November 2018

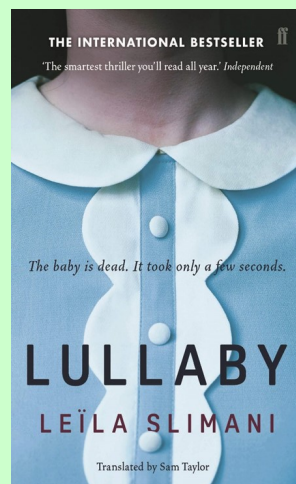
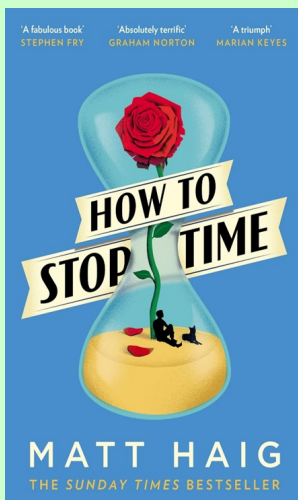
The books to read are:

How to Stop Time

Lullaby

Read all, or part of the books, and come to discuss it in a friendly informal group

Contact: Rosalind Essakhi: 01438 222600 or email: library@nobel.herts.sch.uk



Sudoku puzzle

Instructions

- Place 1 - 9 once in each row
- Place 1 - 9 once in each column
- Place 1 - 9 once in each 3x3 box
- Complete the 'sum cages' such that the total of the numbers in each cage is the number stated at the start of that cage

You are not allowed to repeat any numbers within any sum cage

Daily No. 4461 Easy

22	13	13			10	5		18
		11		10		14		
	8				11			18
15		17	33			15		
	17							20
			7					
	15	11		13	9			16
			7		15		11	
	15			16				

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Logic Puzzle

The Coloured Bear

If a hunter goes out his front door, goes 50 miles south, then goes 50 miles west, shoots a bear, goes 50 miles north and ends up in front of his house, what colour was the bear?

Solutions on page 10

Working at CERN - a talk by Kathryn Coldham

Recently, I was fortunate to watch the first Nobel Science Talk of this year, by Kathryn Coldham, from CERN, on the Swiss-French border. She discussed her work on the Large Hadron Collider (the World's biggest machine).

The Large Hadron Collider is a particle collider that was built between 1998 and 2008 with contributions from scientists and laboratories around the world. It has a circular shape with a circumference of around 27KM, making it the World's biggest machine.

This machine was built for the purpose of searching for undiscovered particles that are at the scale of around 10^{-15} m or even less than that!

The discovery of the Higgs Boson was CERN's main objective. This is because the Higgs Boson was the World's most eagerly awaited discovery, the existence of which scientists had anticipated for a very long time. The Higgs Boson is one of the 17 elementary particles (basic building blocks of life) suspected of giving mass to other particles by dying (Higgs Boson has a mean lifespan of around 1.56×10^{-22} s, so 0.000000000000000000000000156 seconds). So, you can imagine how hard it was for CERN to discover this particle. CERN was able to successfully discover Higgs Boson on July 4, 2012.

Even after the Higgs Boson discovery, there is still much to learn and the research at CERN continues.

Kathryn talked about other things she was involved in at the Collider, including doing lots of calculations and observations, where she stated that 'failure was normal to come by' but Kathryn constantly worked hard with her team and was dedicated to what she was doing.

Kathryn highlighted some of the problems the Hadron Collider was facing and the procedures that were needed to tackle them. Such as, since 'Large Hadron Collider' was getting old, more maintenance and new technologies were needed to exceed expectations from the machine.

Kathryn explained that, as a physicist, it was not easy for her to conduct calculations and observations, but it was her dedication to physics and this diverse and hard concept of elementary particles, that helped her. Kathryn Coldham is now doing a PhD in researching one of the 17 elementary particles.

Overall, I found this Nobel Talk very interesting and this diverse topic of Higgs Boson has really grabbed my attention for physics.

Sahil Gaikwad

10T LRN



Working with Parents - update September 2018

As previously written about last year, we are continuing to work towards the Leading Parent Partnership Award. To get more feedback, as agreed at Parents' Forum, we will be asking for your views on how we are doing through the completion of the annual survey after half term. Please watch out for this and be positive where you feel able, and constructive where you feel we could do more.

Regarding any concerns that you may have, please contact staff directly, or email or ring the school office: admin@nobel.herts.sch.uk or 01438 222600. Please do not message using the gateway app as this is not yet fully implemented.

By way of a reminder, please see the notes below. My thanks for all of your continued work on making the home - school partnership better.

General communication:

On the bottom of the website you will now find a translation button to change the language of the text to give access where English is not the first language spoken at home.

Working with parents:

Through Parents' Forum it was agreed that the school would put on information for parents in the form of short 'Pit Stops' in the same way that we deliver for staff each week. To that end we will be putting on 'Parent Pit Stops' in all terms this year. The topics will be:

- ◆ Understanding KS3 Assessment and Training Groups;
- ◆ Using Show My Homework and Moodle;
- ◆ Developing positive communication with teenagers;
- ◆ Dealing with mental health and anxiety;
- ◆ Dealing with E-Safety and teenagers;
- ◆ Information about substance abuse;
- ◆ Supporting GCSE/A Level students at home.

The schedule of dates has been circulated to parents via email, Facebook and Twitter.

Nobel Volunteers:

We have had volunteers giving talks to students about their jobs, mentoring GCSE students and working in the library. You can get the forms to apply to be added to the list of volunteers, by popping into reception. Please return them if you think that you might be able to help us connect beyond the school, particularly if you can offer links in any way to the workplace.

Barry Burningham
Deputy Headteacher

European Language Day supports Macmillan Coffee Morning

To celebrate European Language Day on 26 September, which also coincided with our Macmillan Coffee Morning, staff were challenged to a 'bake-off' style competition with a European flavour!

There was a superb response and more than a dozen countries were represented with an array of traditional treats, all of which were very well received.

The winners are listed opposite and pictures of their offerings appear on the next page.

Very well done to them and to everyone who supported this event, which, so far, has raised in excess of £200 for Macmillan.

- ◆ In 1st place, with 26 votes was Madame Bright's Italian torta capresse bianca al limone (white chocolate and lemon cake)
- ◆ In 2nd place with 13 votes was Mr Jones' Irish whisky cake
- ◆ Coming in a close 3rd, was Mrs Pearson's German chocolate cherry cake

Look out for more on European Language Day in the next issue of Nobel News.



- ◆ Above, in first place, Italian torta capresse bianca al limone
- ◆ Left (second place), Irish whisky cake
- ◆ Right (third place) German chocolate and cherry cake



Duke of Edinburgh Bronze Award

We were able to celebrate the success of the biggest EVER cohort of students achieving their Duke of Edinburgh Bronze Award on Wednesday 26 September. Well done to all 33 current Year 11 students who completed their skill, physical and volunteering sections along side their expeditions.

We are all very proud of you and can't wait to take you to the Peak District for Silver!



Sitara Aman
 Riyadh Chowdhury
 George Craig
 George Ewbank
 Loren Gregory
 Thomas Hutton
 Maisie Keen
 Samantha Lok
 James Marsh
 Sarah McMillan
 Vaneesha Patel
 Jack Randall
 Sebastian Sabine
 Abigail Smith
 Elliot Ward
 Jake Welch
 Tia Zealand

Abbie Bradshaw
 Macy Coker
 Maddison Dexter
 Evita Fernandes
 Jack Hooper
 Katie Isaacs
 Sinead Lee
 Thomas Long
 Naomi Mbewe
 Jovan Nayjee
 Matthew Poon
 Thomas Rowe
 Bradley Shaw
 Freddie Turner
 Thomas Welch
 Samuel Wright

Miss Steele & Mr Tayler

Hot Chocolate with the Head

Every Friday a small group of students get to have a hot chocolate and a biscuit with Mr Henson. These students are nominated by their teachers for doing something exceptional. It is one of our most sought after rewards and the highlight of Mr Henson's week.

Here are some (of the very many) reasons that students are nominated:

- ◆ For being the first student to complete their Duke of Edinburgh Bronze Volunteering Award.
- ◆ For her sterling work as Team Kairos' Leader in Dragons' Den.
- ◆ For creating an Instagram profile to support students being bullied.
- ◆ For an impressive diary entry for a sailor in the Spanish Armada, written completely in Spanish.
- ◆ For showing real grit and determination, as she beat well over 500 applicants to gain an apprenticeship with Airbus, having been interviewed twice previously and been rejected. She is the first woman they have taken on in an Engineering apprenticeship in the last 5 or 6 years.
- ◆ For her tenacious attitude to revision for her GCSE Drama Exam - she has attended every intervention session and is generating lots of independent work in her preparation. Ashleigh is in all aspects an exemplary student.
- ◆ For becoming the first ever female, Nobel student to come first in the A & B 100 m race at Ridlins. An outstanding achievement and a very special moment for the PE department.
- ◆ For showing great courage and confidence by preparing and delivering a presentation to the rest of his form about why he and his family migrated from Bulgaria to the UK.

On the next page is a list of all the students who went for Hot Chocolate last year. Please note that the form groups are last year's form groups.

Well done to all!



Hot Chocolate with the Head

Sachi Shah 7T OZH	Nishant Sharma 11T BGZ	Ilyah O'Brien 8C LSH
Victor Ramirez-Rioja 8T JKY	Lucy Watt 10C NBN	Alex Marshall 9E DCP
Courtney Morris 11T MFN	Tom Exell 10M RME	Kayleigh Hughes 7M BPX
Kirsten Owen 11M WPY	Venus Omokhoa 11T MFN	Brandon Cook 7M BPX
Luke Gregory 7T OZH	Keisha Anderson 9C RLR	Isla Edwards 7T JPT
Chloe Piper 9E DCP	Joe Broom 9T LRN	Erica Buckwell 7T JPT
Hywel Evans 7C SMT	Sunny Evans 7E JHS	Holly Smith 9C DMV
Geroge MacKenzie 12HAM	Bradley Shaw 10T EPO	Charlotte Robinson 9C DMV
Milikah Younas 12CDY	Ben Patterson 7M BPX	Jordan Dutt 13 MBS
Abraham Araba 7M LSE	Danielle Atkinson 12 DDS	James Paget 10E AWH
Nasifah Kamali 9M CTL	Ilyah O'Brien 8C LSH	Kelsi Rogers 7M LSE
Chelsea Moriarity 13 PFT	Osokam Walter-Osedeme 8M SHS	Leighton Littleton 7T JPT
Jade Bolt 13 JPN	Finley Kassir 7M LSE	Harvey Joyce 11C MMR
Connor Wilson 7E TSH	Abraham Araba 7M LSE	Tahir Mahmood 9M CTL
Scarlett Nightingale 8C NKS	Christopher Suleman-Kosoko 7C CMC	Tedi Winston 11E ITR
Zafeerah Rehman 7M BPX	Ryan James 10C DCE	Ben Jeffery 12 NCT
Aidan Randall 10E AHY	Elle Colbourne 9M RWT	Pathanchali Thevacumar 10M RME
Tom Lopez 11M WPY	Charlie Coles 13 KSE	Ellie Tinsley-Marshall 8M HTR
Chelsea Moriarity 13 PFT	Joseph Heyes 10T KHS	Katie Coxall 12 CDY
Katelyn Iminia 12DDS	David Traian 10E AWH	Saskia Papworth 13 STR
Yusuf Jami 8E JBL	Sophie Odira-Hansing 10T KHS	Bradley Lynch 10T KHS
Sidney Lawson 8E JBL	Reo Upton-Mohun 7M BPX	Alicia Scott 8C NKS
Harvey Barlow 10M LKT	Katie Furr 7E JHS	Shadab Ali 7T OZH
Kade Nelson 8M SHS	Natasha Urrehman 7T OZH	Lewis Benson 8M HTR
Farhad Ahmed 10C NBN	Moyin Okenla 7E JHS	Nina Chopra 11E SWE
Alex Marshall 9E DCP	Sophie Duncan 8C LSH	Shauna Edwards-Etienne 8C LSH
Scarlett Ingram 9T JBT	Jake Vale 8C LSH	Sydney Igbinosa 10M RME
Zoe Booyse 10M RME	Lewis Matthews 9T JBT	Ashleigh Badham 11TMFN
Leah Surmound 7T OZH	Rhea D'Souza 8C LSH	Lara Legac 10E AWH
Freddie Bird 8T MHN	Thomas Castle 8C LSH	Jake Shadwell 7T JPT
Ted Edgar 8T MHN	Ella Whitworth 8T MHN	Adil Sabtain 12 NCT
Rosen Despotov 7T OZH	Victor Ramirez-Rioja 8T JKY	Sarah Bassey 12 HAM
Steven Coombes 7C SMT	Sophie Jackson 8M HTR	Clara Juanillo 9T LRN
Loren Gregory 10T KHS	Jack Ambler 9M CTL	Jamie Delve 12CML
Sarah McMillian 10T EPO	Mia Coverdale 8E JBL	Nia Morris 9E DCP
Taya Brent 8E ESR	Aiden Kirk 8T MHN	Ellie Lancaster 9E DCP
Leo Wickham 7T JPT	Chloe Bridgman 9T JBT	Josh Tzouroutis 10M LKT
Stanley Gammons 7M BPX	Joseph Miller 9E GCK	Maurice Forbes Jr 7E JHS
Kenneth Mashonganyika 9T JBT	Kashaf Irfan 7M LSE	Molly Prutton 9T LRN
Rosie Heron 8M HTR	Leilani Cotton 7T JPT	

Extra Curricular Music Clubs

I am delighted to announce the Extra Curricular Clubs that will be running within the music department this year.

The clubs are open to anyone of all abilities, from any year and we would like to see as many people as possible turn up! We provide the instruments for Steel Pans and Djembe drumming. We also have a small collection of Ukuleles to use, for those of you interested in joining that, however these get used up fast so I would recommend bringing your own if you have one!

The school band is an all-comers orchestra, open to anyone who plays a brass, string or woodwind instrument. You will need to bring your own instrument, but there is no need to sign up, all you have to do is arrive and we will sort you out!

If you have any further questions, please do email me at will.gimson@nobel.sch.org.uk.

I look forward to seeing your sons and daughters there!

Mr W Gimson

Head of Extra Curricular Music

Day	Lunch 1:05 – 1:40	After School 3:30 – 4:30
Monday	Ukulele Club – MU10	
Tuesday	Year 9 Band – MU10	Steel Pans – MU04
Wednesday	School Band – MU10	
Thursday	African Drumming – MU02	
Friday	Nobel Choir – MU10	

Word of the Week - WOW!

C is for clandestine

adjective

kept secret or done secretly, especially because illicit.

“the secret society held **clandestine** meetings”

synonyms: secret, covert, furtive, surreptitious, stealthy

DE: klandestin (syn:heimlich – secretly)

FR: clandestine (syn:subreptice – stealthy)

ES: clandestino

D is for... derogatory

adjective

showing a critical or disrespectful attitude.

"she tells me I'm useless and is always making **derogatory** remarks"

synonyms: disparaging, denigratory, belittling, diminishing, slighting

DE: abfällig, nachteilig

FR: dénigrant, désobligeant

ES: despectivo, peyorativo

Staying Safe Online

Often we have very different opinions to teenagers as to which social media channels and apps they should be using. However, it is important to know what is available, which apps our students may be accessing at the moment and any risks that may be associated.

Of current concern to us is the social networking app called 'Monkey'. This is part of a group of apps referred to as 'Chat Roulette'. Users connect to other random users for live video chat for 15 seconds before they can choose to continue or end the chat. Of most concern is that the app also posts a user's location enabling them to be found.

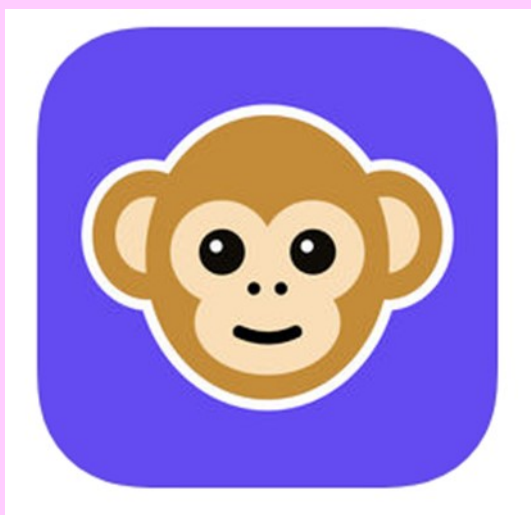
The app is aimed and marketed at teenagers wanting to make new friends. However, our concerns come from the fact that a large number of users are not in fact children or teenagers but are actually adults.

Our advice is that parents take a clear interest in which apps your child is using, monitoring closely their usage and the content that they are accessing.

If you have any concerns or questions over social networking and the apps available, please feel free to contact your child's head of year.

Matt Jones

Head of Year 8/Teacher of IT



SOCCERCISE

A BRAND NEW fitness session for Women who want to try something new.

Soccercise is an aerobic exercise or circuit class.

Every Tuesday*
8-9PM
£2 per session

**Starting Tuesday 2nd October*

For more info contact danib@stevenagefc.com

Nobel School, Mobbsbury Way, Stevenage

Premier League
Girls Football

SG2 0HS

Sudoku solution

Daily No. 4461 Easy

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

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Logic puzzle solution:

White.

The hunter is at the north pole, and the bear is a white polar bear.