

# Mathematics Focus



**nuast**  
Nottingham University Academy  
of Science and Technology

## What has each year group been learning about over the last term in mathematics?

- Year 7: number reasoning, place value, addition, subtraction, multiplication and division with decimals and integers
- Year 8: algebraic manipulations, problem solving with algebra
- Year 9: graphs and understanding equations, rounding
- Year 10: number calculations and problem solving, area and perimeter, probability
- Year 11: Pythagoras' Theorem, trigonometry, construction and loci, solving equations
- Year 12: algebraic equations & graphs, calculus (and complex numbers, matrices and algorithms in further maths only)
- Year 13: calculus, trigonometry, functions (and complex numbers and series in further maths only)

## Who are our mathematics STARS of the term?

- Year 7: Siena Chappell, Dragos Oiste, Layla Priest, Georgi Georgiev, Sareena Aamir
- Year 8: Nigella Israel, Amelia Drabik, Narin Abdulah, Sharm Singh, Serenity Ragaven
- Year 9: Niamh Portess, Joshua Singh, Maaz Ahmed, Agaravan Arivazhagan-Deepa
- Year 10: Leah Higgins, Aleeza Khair, Daniel Sarhesh, Isa Sumbunu Sisey, Bethany Peake
- Year 11: Shanice Mpamhadzi, Aliya Harby, Ronalds Paseks, Maksim Strelkov, Rishi Yadav, Sam Ulusoy and Oliver Cordingley, Chloe Colder
- Year 12: Alhamam Almahadi, Amber Raghooputh, Krishani Naik, Aiesha Adescope, Maariyah Ahmed, Lara Al-Witry
- Year 13: Morgan Charles-Jones, Ryan Clow, Ali Pourabdollah, Michal Zaleski, Isaac Brooks, Tom King



## What are our top recommended websites?

<https://www.mathswatch.co.uk/> (all students have a login)  
<https://corbettmaths.com/> (great for videos)

## What competitions have we been involved in?

Mathematics Olympiad for Girls  
UKMT Senior Mathematics Challenge – 48 participants from Years 12 and 13 took part in the online challenge

## Mrs Tilley, Head of Year 10, writes...

Our new Year 10 have made a brilliant start here at NUAST. They have settled into the school community amazingly well and it has been great to see new friendships emerging. They are getting to grips with their GCSE studies, and have been embracing our specialist STEM subjects such as Engineering and IT. I have been incredibly proud of how quickly the year group have adapted to NUAST, and have been overwhelmed by the positive feedback I have received from staff about their attitude to learning. In what has been an unusual and difficult time to start at a new school I have been impressed with their resilience and adaptability, and hope they can keep up this positive start.



**Resilience...The  
Courage to Come Back**

# NUAST News

November 2020

## Message from the Principal, Mr White

I would like to start by saying a huge thank you to all of you for your support during the first half term. This has been unprecedented within my teaching career and the positive way in which staff and students have approached the changes due to COVID has been excellent. The long lockdown during the spring and summer has undoubtedly impacted the progress of students and we are undertaking work to minimise the disruption to learning that has taken place. I am proud of how our students have settled back into school life, after such a long time away, throughout the first national lockdown. It has been really impressive to see how well everyone has adapted to the changes in the school routine.



As you will be aware, we have had a number of members of our school community test positive for COVID-19. We have followed all Public Health England guidance to ensure that all students and staff remain safe. Our COVID procedures continue to go above and beyond government recommendations and I believe this has assisted in keeping our infection levels low across the school. Students continue to follow the new routines, using hand sanitiser when they enter and leave all areas around the school, wearing masks in all communal areas during the day, helping to ensure everyone remains safe.

Should any student need to self-isolate, we are delivering remote learning via Microsoft Teams. All of our students have had sessions in school on how to logon and use Microsoft Teams. A user guide is also available on our website. Please encourage and support your child wherever possible, by finding an appropriate place for them to work, suggesting they communicate with their teacher should they require help, checking that set work is being completed and submitted by the end of each day and finally ensuring that they follow their own school timetable wherever possible.

Attendance last half term, in spite of all the challenges students have faced, was extremely positive. A significant number of students achieved a 100% attendance record. I would like to say well done to all of those students. Whilst I appreciate students may have to self-isolate from time to time, please support us in ensuring your child attends school whenever possible. Should any further cases arise in school, we will determine which students are affected and notify parents individually, confirming what action needs to be taken based wholly on Public Health England guidance. If we have not made direct contact with you, you should assume that your child should continue to attend school.

It was a busy and long half term and students worked extremely hard. I hope you all managed to get a well-deserved rest over the half-term break and that you and your families remain safe and well. Thank you once again for your continued support and should you need any further information please don't hesitate to contact the school.

# PE takes off at NUASt

NUAST PE department have been running a diverse range of extra-curricular clubs every day after school targeting a provision for every year group. The clubs include yoga, girls' football, boys' football, netball and Friday morning running club. The uptake to these clubs has been fantastic with well over 100 students engaging in extra-curricular sport every week. This is especially pleasing to see given that nationally activity levels have dropped in children especially during lockdown.

Year 8 have taken part in the City School Superstars Challenges run by the School Games Organisers for Nottingham City. This is where the students have a go at a range of agility, co-ordination, power, reaction time and speed challenges. A big well done to the medalists from NUASt. They were Chelsea Zimmaestro who won the Gold Medal, Amenah Syed obtained Silver and Eva De Sousa got the Bronze. In the boys' section Aditya Sharma achieved the Gold Medal, Treyveon Foster Silver Medal and McKenzie Mclean Bronze Medal.

Year 7 will be taking part in the City School Superstars Challenges in November.

We have also launched our Inter House Sports competitions this term. Watch this space!

Mr Powell, Head of PE

## PE Stars of the Term

Year 7: Arzoo Arshad, Lee Cox, Enerel Munmkhat, Abbala Nyakairu, Omar Ahmed, Jaina Turk.  
Year 8: Asharn Graham, Ghada Al Badri, Taniya Bennett, Kye Vincent, Charlie Ball, Leah Weir.  
Year 9: Naveer Grant, Ali Tariq, Yasmen Elgele, Ahmed Hassan, Anujin Munkbhat, Tyrell Gowie-Fothergill.  
Year 10: Izza kamil, Favour Adeyemi, Izza kamil, My Pasha- Goodman, Muhammed Raza, Shannaya Scott.



## Keeping Fit at Home

<https://www.afpe.org.uk/thisispe-supporting-parents-to-teach-pe-at-home/>



## What have we been up to in lessons?

Year 7: girls have been doing netball and fitness and will progress onto football and badminton. Boys have been doing football and will progress onto rugby and basketball.

Year 8: girls have been doing netball and fitness and will progress onto basketball and rugby. Boys have been doing football and will progress onto rugby and basketball.

Year 9: girls have been doing netball and fitness and will progress onto rugby and basketball. Boys have been doing football and will progress onto rugby and basketball.

Year 10: girls have been doing netball and fitness and will progress onto badminton. Boys have been doing football and will progress onto rugby and table tennis.

## Year 9 Boys inter-house football tournament

The games were hotly contested and we saw, blood, sweat and tears from all teams in search of a glorious victory for their Houses.

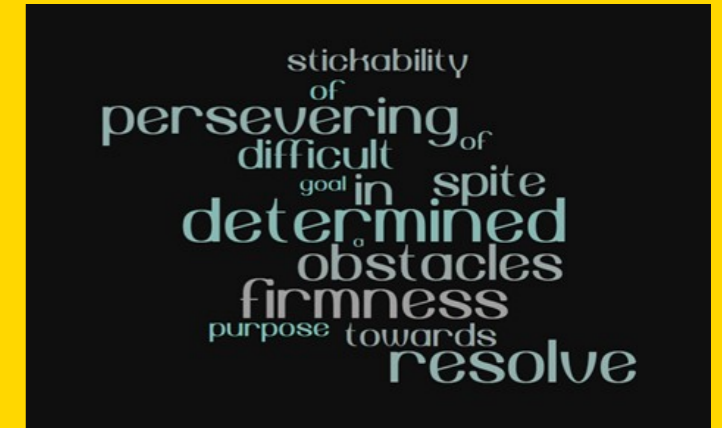
The winning team were Green 'A' who achieved 5 points over their 3 games.

The player of the tournament was Dylan 'The Cat' Mitchell, who pulled off some miraculous saves in goal for the Green 'B' Team.

# Welcome to our new Year 12s

Despite the ongoing challenges facing us all right now, we have every reason to feel proud of the way our Year 12 students have settled into life at NUASt sixth form. From the very first day uniform has been smart, attitude has been positive and work ethic is great. In light of the fact none of these students had the opportunity to sit their GCSEs, real credit has to go out to each and every one of them who in the early weeks questioned their sense of belonging and right to be here. The picture so far shows they absolutely belong here and I know with continued effort and practice, there is every reason to believe we have a determined and resilient group of students who will succeed. The sixth form team look forward to helping them realise their potential.

Mr Nichols, Head of Year 12



# Celebrating Success in English

## Congratulations to our stars of the term:

- Year 7: Haleema Choudhury, Hanahrumai Yahya, Zak Yasin, Manahil Iqbal, Sienna Chappell
- Year 8: Mustafa Ali, Joel Lloyd, Charlie Ball, Eva Des Sousa, Aksel Moualek, Amelia Drabik, Charlie Kind
- Year 9: Zarah Ahmed, Tyler Cassidy, Gracie Wymark, Dalveer Roudhe, Rameena Yashfeen, Qaanit Kamil-Okedara, Hafsa Ali, Niamh Portess
- Year 10: Isa Sumbunu Sisey, Robert Jackson, Patricia Merrin, Divine Oladejo, Favour Adeyemi, Izza Kamil Okedara, Mary-Jo Codjoe, Angel Sharrard, Haiqa Naushahi
- Year 11: Archie Torry, Nathan Rose, Jedd Slade, Charleigh Butcher, Connor Raven, Khaija Keita, Tyrell Tucker, Alisha Mansha, Aleah Harby, Charlie Barker
- Year 12: Amelia Jones-Holt, Hammad Ashraf, Aaron Fletcher
- Year 13: Weronika Stefaniak, Finley Downing

## DID YOU KNOW?

Just as we are living through a pandemic, Shakespeare also lived during a time of epidemic. The plague is often mentioned in his plays. Some of you have been reading *Romeo and Juliet*: who says 'a plague on both your houses!'

