

Numeracy Special!

Following last week's focus on English and Literacy at the Academy, we are using this edition of our newsletter to share with you information about our numeracy strategy and key aspects of our Maths curriculum.

Last week we were delighted to pay host to members of the community, the education world of Havering, councillors and parents as we officially launched our new academy. I was particularly delighted with our students, both Key Stage 3 and Key Stage 4, who looked so smart in their new uniforms. It was delightful to see them talking about their work in the academy and in sharing the refreshments we had laid on for guests.

We have a very busy week ahead, with Year 11 Careers Interviews on Tuesday, our first Local Governing Board meeting on Tuesday, and our Parents' Evening for Year 10 and 11 students from 3.00pm to 6.30pm on Wednesday. Please let us know if you have not yet managed to secure your appointment for Parents' Evening!

Paul Phillips

Headteacher



In This Issue

- Maths Spectacular
- Remembrance Day - November 11th
- Thought for the week

11th Hour, 11th Day, 11th Month

Remembrance Day (sometimes known informally as *Poppy Day*) is a memorial day observed in Commonwealth of Nations member states since the end of the First World War to remember the members of their armed forces who have died in the line of duty. The day is also marked by war remembrances in many non-Commonwealth countries. Remembrance Day is observed on 11 November in most countries to recall the end of hostilities of World War I on that date in 1918. Hostilities formally ended "at the 11th hour of the 11th day of the 11th month".

This year at Olive AP Academy—Havering, we will be recognising this important event with students at KS3 and KS4. Students will hold a minute's silence, and at the Main Site students are intending visiting our neighbourhood church, St Andrew's Church Hornchurch, as the community remembers people from Hornchurch and Havering who lost their lives in conflicts around the world both in the First World War, and since that historical event.

Maths & Numeracy

at Olive AP Academy — Havering

My name is Mr Coido and I am the Head of Mathematics for Olive AP academy Havering. Mr Jones (Teacher), Mrs Tracey (HLTA), Mrs Higgins (TA), and Mrs Attfield (TA) are all part of the Mathematics team delivering and supporting lesson as well as specific numeracy intervention.



Our Mathematics curriculum is designed to enable our students to develop the numeracy skills necessary for a confident transition to the adult working world, college or employment.



Numeracy is a life skill. It is a proficiency that is developed not just in Mathematics but also across the whole curriculum. Numeracy involves learners having the confidence and competence to use numbers and measures. It requires an understanding of the number system, recalling Mathematical techniques and an ability to solve problems in a variety of contexts. A practical understanding of graphs, charts, tables and diagrams is an important part of numeracy.



We believe that every child can become a numerate adult, with skillful teaching in school supported by encouragement at home.



At Olive academies, we are committed to developing the numeracy skills of our learners, in the belief that it will support their learning, enabling them to access the whole curriculum and, in turn, raise standards for all.



We also strive to open up the world of Mathematics and make our students to be self-motivated and see themselves as mathematicians using strategies, making use of IT and leading their own learning.

At Key Stage 3

After an initial assessment, students' strengths and weaknesses are identified.

We focus on four aspects of Maths: operations; fractions; decimals; and percentages. These operations are then developed in different areas of the Maths curriculum.

We strive to enable all students to seamlessly continue with Maths studies when they return to another school, enter qualifications, and prepare for life generally.

Our teaching curriculum is carefully crafted to make learning as engaging as possible. For example we timed cup speed stacking to a hundredth of a second, and made K-NEX roller coasters to measure speed, distance and time. After all the fun we refer ourselves to more formal questioning to ensure some learning has been achieved and can be connected to other subjects. (Roller coasters helped us focus on potential energy).

Key Stage 4

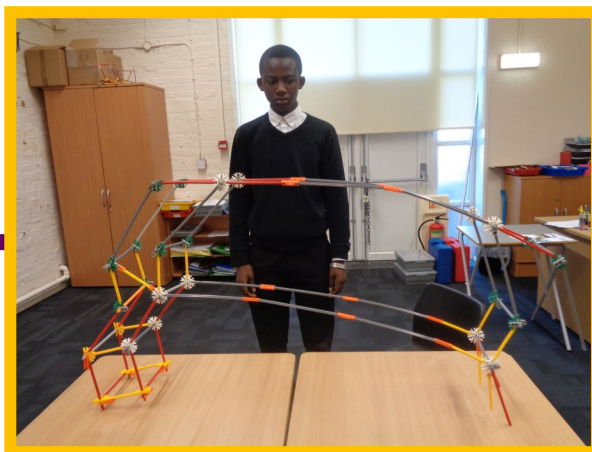
We aim for every student to gain a maths qualification suited to their ability. We aspire for students to achieve at GCSE standard, as well as others Mathematics qualifications in Numeracy and Money Management.

The Functional Skills introduces skills required for success at GCSE including, representing, analysing and interpreting situations using Mathematics. It introduces some algebra and higher level number and data processing strategies.

The Edexcel GCSE course covers: Statistics, Number & Algebra, Shape, Space & Measure.

AQA Certificate in Use of Mathematics 4350 is built from a compulsory core unit plus two Free-Standing Mathematics Qualifications (FSMQs) chosen from a range of seven:

- * Money Management,
- * Using Spatial Techniques
 - * Using Data
- * Financial Calculations
 - * Shape and Space
 - * Data Handling,
- * Algebra and Graphs.



Olive AP Academy – Havering Dates for Your Diary

16/11/2016 Wednesday	KS4 Parents' Evening
19/12/2016 Monday	Social Enterprise Academy Day
20/12/2016 Tuesday	Off-site Programme (Half Day closure)
21/12/2016 Wednesday	INSET Day 3 – Academy Closed
22/12/2016 Thursday - 03/01/2017 Tuesday	Christmas Holidays
03/01/2017 Tuesday	INSET Day 4 – Academy Closed
04/01/2017 Wednesday	First Day of Spring Term – Academy Open
26/01/2017 Thursday	KS5 Options Evening
10/02/2017 Friday	STEAM Academy Day
13/02/2017 Monday - 17/02/2017 Friday	Spring Half Term
20/02/2017 Monday	Spring Term (2) Academy open
31/03/2017 Friday	Personal Wellbeing Academy Day
03/04/2017 Monday - 17/04/2017 Monday	Easter Holidays
18/04/2017 Tuesday	Summer Term – Academy Open
01/05/2017 Monday	Bank Holiday – Academy Closed
26/05/2017 Friday	Community Academy Day
29/05/2017 Monday - 02/06/2017 Friday	Summer Half Term Holidays
18/07/2017 Tuesday	Reports to parents
21/07/2017 Friday	Last Day of Term

Contact Us

We know that the best way to support our young people at the academy is to ensure we have really strong communication links with family. We appreciate the support we receive from home, and any information is followed up in our daily prebriefing and debriefing meetings.

Main Site (KS4)

01708 478892

Albert Road Annexe (KS3)

01708 764370

Visit us on the web at
www.oliveacademies.org.uk



Thought for the week—11 o'clock, 11th November

On this **day**, at the **11th hour** on the **11th day of the 11th month** of 1918, the Great War ended. At 5 a.m. that morning, Germany, bereft of manpower and supplies and faced with imminent invasion, signed an armistice agreement with the Allies in a railroad car outside Compiègne, France.

They shall grow not old, as we that are left grow old:

Age shall not weary them, nor the years condemn.

At the going down of the sun and in the morning

We will remember them