



home-link

N E W S L E T T E R

JANUARY 2011

Headteacher's Hello

In this month's Homelink we are launching the 2012 celebrations for St Clement Danes' 150th birthday as a secondary school.

Information about this exciting anniversary can be found within this Home-link.

We want to involve the whole school community, both past and present. Congratulations to Louisa Taylor, Year 12, who won the competition to design the logo for the 150th celebrations. Runner up was Fiona Taylor, Year 10.

Josephine Valentine

Headteacher

Building Works

The school was very fortunate, particularly in these difficult economic times, to be awarded over £70,000 to carry out refurbishment and redecoration to the student toilets.

I am aware that the School Council have lobbied for some time to improve the facilities so I know they, like all students, will be pleased the work is going ahead.

Work started on Wednesday 25th January and will helpfully be completed by the end of this term.

Josephine Valentine

Headteacher

Home School Transport

Hertfordshire's Consultation

Thank you, thank you, thank you to the many parents who have responded to the consultation on the future of the 800 bus routes. I can only hope that your letters to MPs, County Councillors and Officers at Hertfordshire will have an impact.

The consultation finishes this week and I will keep you posted on any developments. I have been informed by Local Authority officers that any changes to transport arrangements will not occur until September 2012.

Josephine Valentine

Headteacher

Forthcoming Events

1st February	Year 8 Parents Evening (5pm)
2nd February	Sixth Form Evening - External Students
3rd February	Year 9/10/11 Maths Challenge
8th February	Year 10 Parents Evening (5pm)
17th February	Year 7 Parents Evening (5pm) RESCHEDULED
18th February	Year 10 MFL Trip to Bilbao
19th February	Year 9 Ski Trip
	Year 11 Classical Civilisation Trip to Greece
21st - 25th February	Half Term
	Year 8 History Trip to Berlin
	Year 11 Art/Drama Trip to New York

A letter to launch the 2012 Celebrations

2012 - A Special Year for St Clement Danes School

No. It is NOTHING to do with the Olympic Games, as important and exciting as they may turn out to be.

I was delighted to be asked by Dr Valentine to be Chairman of the Committee planning our celebrations. When I joined the school in Ducane Road in September 1965 the Centenary Celebrations in 1962 were still fresh in the memory of many of the boys and staff and the Centenary Edition of the School Magazine 'The Dane' was given to us new boys (affectionately called 'weeds'). This provided a good basis history of the school's first century.

The founders of our school would be amazed and I am sure delighted, with the way in which the school has adapted and thrived over the years and that it still has at its heart the desire to see young people of all types, backgrounds and interests achieve the best possible preparation to succeed in an ever-changing world. We have much to be proud of and also much to look forward to.

We don't want to have a small Celebration; oh no! We want a BIG Celebration that all of the current school, former students and staff and our local community can be involved in. We also have the hope that we can work towards the development of an **Arts Centre** to commemorate this special milestone in our school's history. We have been developing a new database of our contacts so that we can try to make sure that no one misses the opportunity to be part of our Celebration. We have had a very successful 'logo' competition in the school and the special '150th' Logo appears in this issue of Home-link.

We will begin our Celebrations at the beginning of the next school year, September 2011, and finish in January 2013. There will be something for everyone. Look out for more news later this Term.

I am sure that we are going to have a memorable, enjoyable and worthwhile 150th Birthday and I look forward to sharing it with you all!

Nigel Bamping

Old Dane. Trustee of the St Clement Danes Holborn Estate Charity and the St Clement Danes School Educational Foundation.

MATHS UPDATE

MATHS AT WORK

Recently Year 7 took part in a project to find out how Mathematics features in their parents' careers or every day life. The students asked their parents which type of days they use most and what the consequences would be of making errors in their calculations. The findings were shared in lessons and it was very encouraging for students to see how the maths they learn in the classroom can be applied in real life. Perhaps they will think twice before asking the age-old question "When am I going to use this?"

Here are some of the best responses which fit well into being reproduced in Home-link. Unfortunately there wasn't enough room to do them all justice, they were all brilliant.

The work on this spread was contributed by:

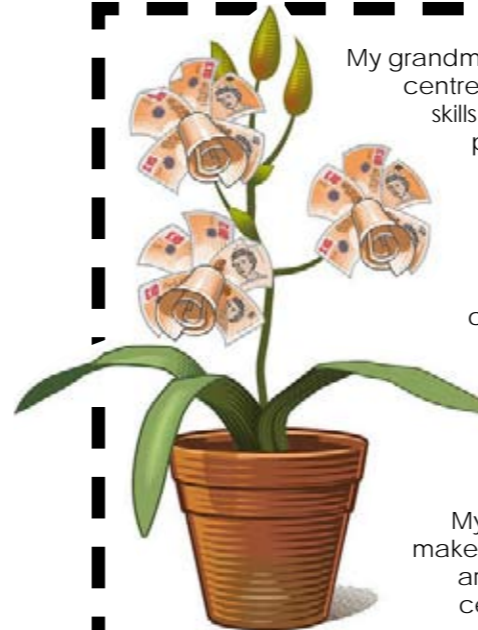
Gabi Hadley, Charlotte Radcliffe, James Inwards, Jake Hafter-Smith, Alice Kennealy, Marcie Lewis, Robbie Bird, Joe O'Gorman, Sydney Jorgenson, Jake Price and Callum Danskine.

My dad is the Managing Director of a car franchise and is responsible for all the income and expenditure. His job involves maths on a daily basis as he has to monitor income against overheads which includes staff salaries and overtime calculations.

Dad has to keep a daily check on money going in and out in order to compare cash flow against monthly forecasts.

It is important to look at the statistics to see which cars sell well. Dad calculates the refurbishment cost including service and warranty and VAT in order to work out how much to sell the car for at a profit.

If there were any mistakes made in maths during any of the processes it would mean they would make a loss and the business would fail if there were too many losses.



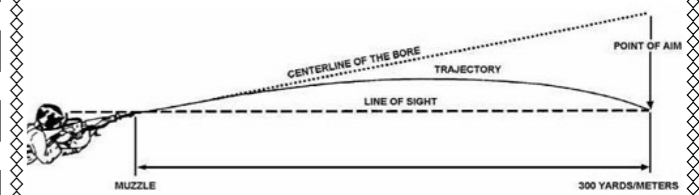
My grandmother works in a garden centre and uses mental maths skills to calculate the cost of plants and other garden equipment.

She does not use a calculator but a pad and pen as she often walks round with customers and has to do calculations on the go. Some gardeners get a 20% discount on their bill so she has to use percentages as well.

My grandmother needs to make sure all her calculations are correct or the garden centre could lose money.

My dad is a shooting instructor and he has to use maths all the time to help him with his job.

Maths is used for stock control to try and predict the amount of cartridges and targets the customers will need. This information will allow my dad to order enough stock to make sure they won't run out.

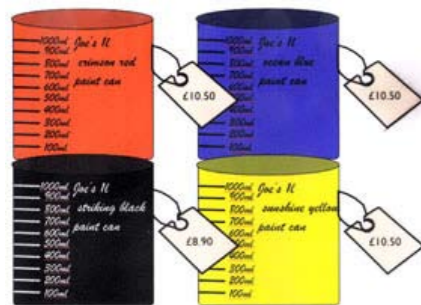


Different bullets give different velocity and energy figures. My dad uses maths to calculate the path of the bullet when fired. Once this information is calculated, he can adjust the telescope to ensure an accurate shot.

My dad sprays cars after they've been repaired.

There are many different colours to use which all have codes that have been calculated to have the exact amount of colours mixed in them. My dad needs to use maths to work out measurements and proportions so you know exactly how much paint is needed to spray.

Dad carefully measures out tiny bits of colour to make up the final shade so only a proportion of the paint in the cans is used.



To buy the paint for an Audi bonnet would be £49.30 but because he uses only a fraction of all the paint it costs just £15.58.

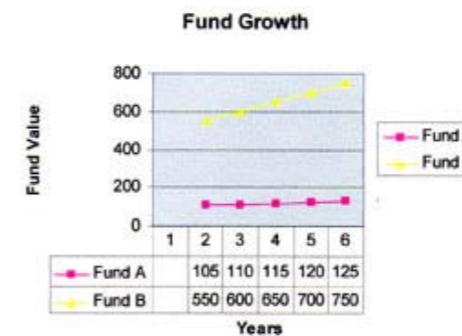
My dad works for a company that writes computer software for banks. The job requires a lot of mathematical skill including **addition, multiplication, percentages, division** and **complex algebra**.

Step 1 Design = 150 days
Step 2 Working year = $52 \times 5 = 260$ days
 Build = 600 days
 Holidays = $5 \times 5 = -25$ days
 Test = 400 days
 Bank Holidays = -8 days
 Manuals = 170 days
 Sick = -5 days
Total = 1320 days **Total 220 working days per year**

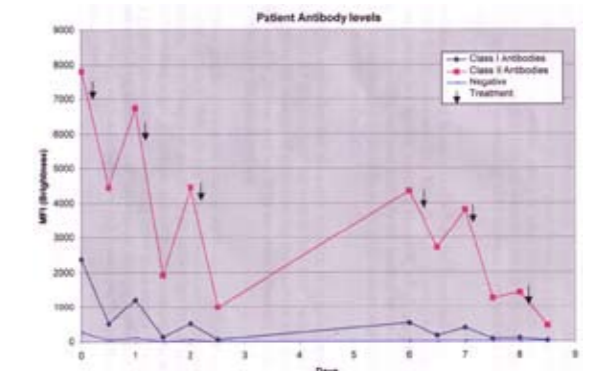
In one year, one person works 220 days.

1320 days to design programme divided by 220 days for one person would equal 6 people making the software over a year.

- My friend runs his own financial services company specialising in pensions and investments.
- He uses maths daily and it plays a very big part in his job. He calculates premiums (monthly amount you need to pay into your fund), uses data to create graphs, charts and fact sheets for clients and compares the performance of different funds. He said you need a good understanding of many mathematical techniques.



- My mum works in a hospital and uses maths in her job a lot such as counting cells to make sure the patient has the right amount of blood. For tests they take a cell sample, count the number of cells and multiply by a certain amount to get the actual number of cells in the larger volume - the total adds up to millions.
- To monitor patients progress, they plot graphs to see if antibodies are increasing or decreasing.



My mum is a housewife as well as an editor for a magazine.

In her editing job she has to calculate how many pages there are in the magazine and the amount of copy and pictures that can go on each page. Mum uses maths all the time by costing up how much the designers charge and the amount the publishers will need to print the magazine.

As a housewife she has to use maths by getting everyone up on time, calculating how much further the car can travel before having to fill up with petrol and making sure we have enough money to buy all the household essentials.

My dad is a Property Asset Planner. He sets targets for officers to report monthly and then analyses the results.



One of the jobs he needs to use maths for is to calculate the number of properties that do not meet the decent home standard and the amount of work needing to be done to them to reach that standard.

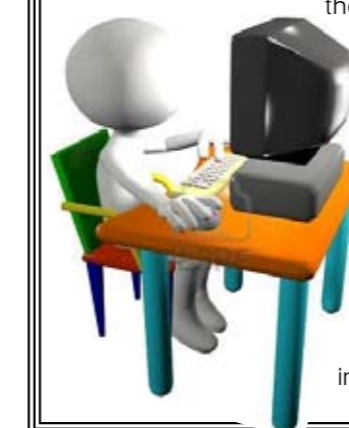
Dad also monitors service charges for houses and whether people have arrears on their properties. Maths is needed to calculate the annual service charge payable by each leaseholder.

They have set targets to achieve for visiting all their properties which is at least 90%. Maths is needed to calculate the percentage of all the properties to make sure this target is achieved.

My dad is a technical architect for a business service provider. He tells me he needs a variety of mathematical methods to use in his job ranging from capacity management through to departmental budgeting.

In many cases a simple calculator is needed to get the results for the number of kilobytes in a megabyte etc.

A simple equation would be to design a server system that can cope with 330 users. In order to specify the system the equation needs the number of users handled by the server. However, scalability might mean in 2 months time there is a percentage growth of users that need to be factored into the equation.



My mum is a Ticketing Manager at TFL.

She has to deal with lots of questions about how the 'daily price capping' works which is when customers who use 'pay as you go' tickets frequently in one day will only pay a set limit.

Mum needed simple maths to show customers how the ticketing system keeps track of each passenger's Oyster card as they travel so that depending on the amount of journeys they make, they could save money by having the price capped instead of buying lots of expensive individual tickets.

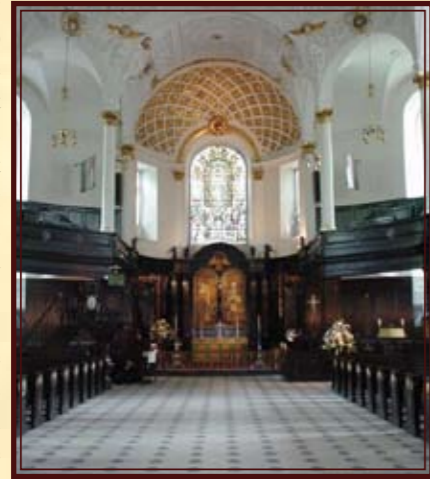
The Oyster card is a smartcard similar to the school canteen card system where parents can cap their child's



CELEBRATIONS AT ST CLEMENT DANES

150 Year Anniversary

We are about to enter a new and important phase in the life of the school. 2012 is the 150th anniversary of the establishment of the St Clement Danes School, and we are proud to announce the launch of many exciting and special events to be held over the course of the year aimed at celebrating the school's long and illustrious past as well as promoting and investing in its continued growth and development.



To highlight the importance of this year for the school and to commemorate the occasion, we are launching a new school logo. The logo was chosen as a result of a competition at the school which was won by Louisa Taylor in Year 12.

The 150th Anniversary celebrations are the perfect opportunity to bring our Alumni into contact with the present incarnation of the school and to create a broader school community. To this end, a new web-based site for our Alumni is also being launched which will be accessed via the school website. Alumni will be able to create their own web profiles, contact old friends, book into events, post news and much more! If you have contact details of anyone who has been associated with the school and who you think we may not know about, please pass them on to **Mrs Jackie Hardy** in the school office. We don't want anyone to



miss out. If you would like to help in anyway please contact us by email office.scd@webalumnus.com

The school is keenly aware of the debt it owes to the past as well as the importance of the legacy it leaves for the future. The 2012 Celebrations give us the perfect focus and opportunity for some strategic fundraising and the "150" Fund will be launched to promote sponsorship and donations in aid of enhancing the provision of an **Arts Centre** for use by the school and the local community.

Our School's Heritage

It may be that many students and parents are unaware of the rich history of the school, in spite of the intriguing historical clues left on the school site and the excellent link www.stclementdanes.org.uk/school-history.htm, so in order that everyone can understand what it is we're celebrating, it might be helpful to provide a precis of the school's 150 year history.

The school was officially opened as St Clement Danes Holborn Estate Grammar School for boys in 1862 in Houghton Street, London WC2 (although the early seeds of the charitable St Clement Danes Holborn Estate which provided the funding for the school were sown in 1551). 75 local boys first attended the school, but by 1900, boys were being drawn to the school from an increasingly wide area and it was able to foster a variety of talents. It was during this time that the school's most distinguished Old Dane attended the school. Giovanni Barbirolli (later Sir John Barbirolli after whom the Barbirolli Hall is named) became a world renowned conductor and cellist, playing a cello solo at the 1908 Speech Day. He maintained contact with the school throughout his life, presenting the prizes at Speech Day in 1954. The school gave a Memorial Concert in St Clement Danes Church following Sir John's death in 1971.

Rumours of possible merger with other central London schools were quelled by World War I during which 27 Old Danes were killed, but by the early 1920s the declining population of inner London and the growing need for good schools in the suburbs led the school Governors to move the school to Ducane Road in Hammersmith in 1928. The new school was bigger and much better equipped with a sports field that enabled all sorts of sport to flourish. Local boys and those

coming to school by train from Central London attended the school. One of the few items brought from Houghton Street was the Memorial commemorating the staff and boys who had died on active service in World War I. This plaque is now in the Learning Resource Centre courtyard.

Another thing to come from the old school was the names of the school Houses; Temple, Dane, Clement and Clare all had associations in the ancient Parish of St Clement Danes. By 1938 the school had grown to a size where more houses were needed so Burleigh, Lincoln, Exeter and Essex were created, also with associations with the ancient parish.

Soon afterwards, World War II broke out and most of the school was evacuated to Oxford. Staff and boys joined up, some lost their lives and some returned to teach at the school once the war had ended. Many boys went to Harvest Camps during the wartime summer holidays. This and other wartime activities are shown on the painting 'St Clement Danes in the Second World War - London and Oxford' painted by former member of staff, Harold Beales, which can be seen in the Learning Resource Centre.

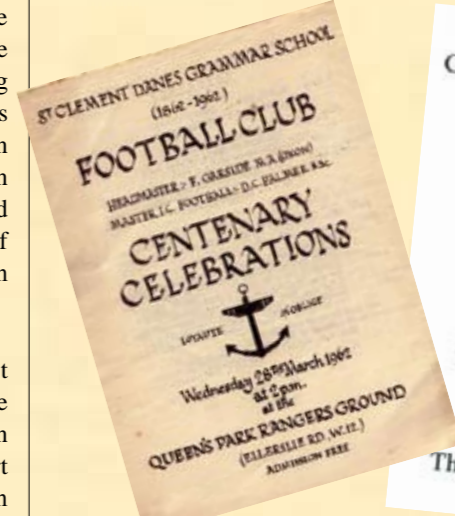
The school flourished in the post war years and became one of the most successful Grammar Schools in West London academically, in sport and in music. In 1960 17 boys won scholarships to Oxford, Cambridge and other leading universities. In the 1960s the school's association with the Royal Opera House Covent Garden began and in 1972 the School's First XI were runners-up in the England School Boys Soccer Championships.

By this time, the winds of change were blowing through the education system and politics threatened to interfere with the way the school Governors and Trustees of the St Clement Danes Holborn Estate Charity wanted to run the school. To avoid this, the Governors accepted the invitation of the Hertfordshire County Council to establish a new Co-Educational Voluntary-Aided Comprehensive school in Chorleywood and in 1975



St Clement Danes Holborn Estate Grammar School for Boys transformed into the St Clement Danes School. The Trustees of the St Clement Danes Holborn Estate Charity secured the removal of the stones bearing the school's name from above the entrance of the Ducane Road building and these are in the Student Entrance to the school.

For those curious about the school's more distant heritage, Saint Clement, after whom the school was named, lived during the first century of the Christian era and was known personally to St. Paul. He suffered martyrdom during the persecution of the Christians by the Roman Emperor Trajan about 100AD. Legend has it that St Clement was thrown into the Black Sea with an anchor tied round his neck. And as for how the Danes became involved, King Alfred the Great, (849 – 899 AD) blessed the establishment of the St Clement Danes Church in the Strand outside the City of London for the use of the growing Danish community.



Previous Headteachers:

- Rev W J Savell 1862-1894
(The school had no Headmaster from 1894 to 1899 but it was "looked after" by Mr Salisbury (second master) from 1895 to 1896 and by Mr H J Lee (second master) from 1896 to 1899.)
- Mr W J Addis 1899- 1907
- Mr W P Fuller 1907-1936
- Mr J McGill Clouston 1937-1959
- Mr F Garside 1959-1966
- Dr Badcock 1966-1975
- Dr Tompkins 1975 -1983
- Mr P Conway 1983-1997
- Dr J Valentine 1998-present day

World Book Day

To mark this year's World Book day on Thursday 3 March, the LRC is going to host a "Book Swap" event for students in Year 7.

We would like to invite all year 7 students to bring in one or more books that they no longer want and swap them for another. Books should be suitable for that age group and in good condition and may be brought to the LRC from now on. We do hope that you will all be able to support this event.

Mrs F Hirst, Mrs J Gustafsson

Librarians

MacBeth Painting of Set Design

If any students wish to come and help paint the set design for the forthcoming Drama production please come to the Art department. We welcome as much help as possible, please see Mrs Reid in Art.

Wanted - Lipsticks!

We would welcome any donations of old lipsticks or lipgloss to help a Year 11 Art student in her final piece of work. Thank you in advance.

Mrs D Reid

Head of Art

SCDPA Quiz Night

Book your tables now for St. Clement Danes Quiz Night! Everyone is welcome including guests. You'll enjoy a light-hearted evening which will be fun for everyone! Supper is provided, and wine, beer and soft drinks will be on sale at the bar (corkage charge if supplying own drinks). All proceeds will go to St Clement Danes School via its Parents Association.

Date: Saturday 19th March 2011

Time: Bar opens at 7.30pm, quiz starts promptly at 8pm

Venue: The Barbirolli Hall, St. Clement Danes School

Price: £10 per person - limit of 8 per table (includes supper but not drinks)

To find out more, please contact Scott on scott_picphotos@yahoo.com

Year 8 Work Shadowing

Thursday 21st July

All students have been given a pack of information about this work-related activity. The deadline for returning the purple parental consent form is Monday 31st January.

Year 10 Work Experience

11th-15th July

Please note that the final deadline for returning the blue own placement form is Monday 28th February.

Online Careers Resources

www.education.gov.uk/publications

Which Way Now 2010-2011 is aimed at Year 9 students and deals with option choices at 14.

It's Your Choice 2010-2011 aims to help young people to make well informed decisions on choices at 16.

Open Days 2011

West Herts College

www.westherts.ac.uk, Tel. 01923 812345

2nd March – Dacorum, 18.00-20.30

5th March – Kings Langley, 09.30-12.30

7th March – Watford, 18.00-20.30

14th March – Watford, 18.00-20.30

Amersham & Wycombe College

www.amersham.ac.uk, Tel 0800 614016

22nd March – 17.30-20.30

22nd June – 17.30-20.30

Please check college websites to confirm this information is accurate.

Mrs C Payne

CEIAG Coordinator



ST CLEMENT DANES SCHOOL
PRESENTS...

MACBETH

BY WILLIAM SHAKESPEARE

TICKETS AVAILABLE
FROM MRS ROXON
IN MUSIC

ADULTS: **£8.00**

CONCESSIONS **£6.00**

FRIDAY 11TH MARCH
& SATURDAY 12TH MARCH

7PM

THE BARBIROLI HALL,
ST CLEMENT DANES SCHOOL