



Longdean School
'Rejoice in thy youth'

Longdean Link

Edition 3

13.10.2023

A note from the Headteacher

Dear parents and carers

This is the final edition of the Link in what has been a very busy half term that has flown by. Lots of great work has been undertaken by the students since we returned in September, the most recent examples being the new Sports Leaders undergoing their training and contributing to the running of a successful Primary School District Cross Country tournament. The Leadership Academy is a great programme for our students and it instils in them really important life skills that they can apply to their wider studies and also the world beyond the school gates. Over the last two weeks students have also undergone a series of careers activities including visiting a recruitment fair to investigate the work related opportunities for school leavers in Hemel Hempstead and participating in a mock recruitment centre. Again these experiences are invaluable and enhance the student's personal development and welfare. Please take 10 minutes at home to talk about any of the things your child has been involved in this half term.

Dates for your diary

23-27 Oct - Half term

02 Dec— Occasional day

21 Dec—End of term

03 Jan '24—Term starts

19-23 Feb —Half term

29 Mar—End of term



As a staff group we have done a lot of work this half term around our school priorities. We have begun to review the first cycle of the Enrichment Streams in Year and work is ongoing in readiness to launch our new T Levels programme from September 2024. Staff have undergone a lot of training around adaptive teaching to ensure all students in a classroom can aspire to the highest levels in all of their classes and we have also undergone training around supporting students with autism, complex emotional needs and those who are able in certain areas of the curriculum. We will continue this training and apply it throughout the year.

A note from the Headteacher

I would like to take this opportunity to remind parents about our relentless focus on attendance and punctuality to school. Our whole school attendance figure for all years is approximately 92.5% against a target of 95%. We will be sending out letters recognising those students whose attendance is above our target and those who have improved since last year. I would also remind parents that punctuality is an important aspect of attendance. For example a student who is late to school by 5 minutes each day is missing approximately 18 taught hours per year. This equates to 3.5 days. Punctuality and attendance in school are things that students with the support of parents can control and influence so please reinforce this message at home.

Finally I would like to wish all of you an enjoyable end to the half term and a well earned break.

Graham Cunningham

Headteacher

MATHS?

Design:

Well, you might have to use it in Geography...

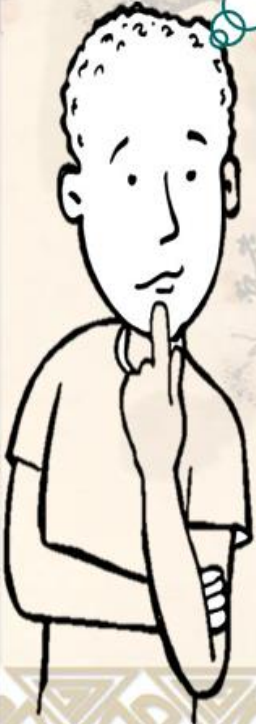


- Use climate **graphs** to describe climate change.
- **Calculate** total annual rainfall.
- Calculate the **population density** of a country.
- Use your knowledge of **percentages** to decide if a household is in a state of poverty.
- Draw **pie charts** to compare sources of water for homes in three different areas.
- Use your understanding of **negative numbers** to compare the temperature ranges in five different cities.
- Use a **map scale** and a **ruler** to work out the total length of roads in a given area defined by grid lines.
- Use a **compound bar chart** to answer questions about changing trends in the timber trade.
- Use a **scatter graph** to test a **hypothesis** like "Districts with a higher percentage of people with higher qualifications have longer life expectancies."
- Obtain indicators of development by calculating **compound measures** like number of people per doctor.
- Find your way around a map using **grid references** and **compass directions**.



Maths has lots of applications and is a vital asset in many degrees and careers. To find out more about where maths is used and maths-related careers visit: www.mathscareers.org.uk

Thought of
the Week



IF YOU ARE NOT
WILLING TO LEARN,
**NO ONE CAN
HELP YOU.**

IF YOU ARE
DETERMINED
TO LEARN,
**NO ONE CAN
STOP YOU.**

Word of the week

C is for coordinates

Coordinates describe the position of a point in two or three-dimensional space.

They are written in pairs inside brackets. Always “x” before “y” (x,y)

DO NOT
FORGET

Along the corridor, up the stairs (reference to the “x” and “y” axis).

“x” for exit, “y” for the sky

The numbers are also known as Cartesian coordinates after the French mathematician, René Descartes.



Numeracy Challenge

Qu

Binary numbers are written with 1s and 0s only.

1 in binary is also written 1

2 is written 10

3 is written 11

What are the numerical values of these binary numbers?

100
1000
10000

Extension: Write 17, 11 and 23 in binary.

Martin Lewis:

Financial education matters...



If you have made some payments and then want to pay off the remaining amount (balance) of the loan early, a company will sometimes charge an early repayment charge (ERC), which may take the total to more than you would have paid over the agreed amount of time. They do this because they will otherwise miss out on some of your interest repayments if you exit the deal before the end of the agreement.

Answers

Answer: 4, 8, 16

Binary numbers are sometimes called base 2, because they only use 2 digits: 1 or 0.

Extension answer: 10001, 1011, 10111

International Schools Activity WDWTWA Week

During Activities Week in June all of Year 7 (now Year 8!) took part in team activities to raise their awareness of our Ghana School links. Longdean has been an International School Award winner since 2010 and we have a strong partnership with schools in the Bedomase area of the Ashanti region of Central Ghana. Fast Track College teachers and students received all of the entries which included lessons, music, culture, language, GeoGussr quizzes and designs related to our link and chose the winners. All winners won vouchers or subscriptions and they are shown in the photo. Some groups only had an hour to produce the excellent work seen so well done everyone! Some fantastic work.

Mr Macdonald



International Schools Activity WDWTWA Week 2023

Year 7 Group Winners

All entries were sent to Ghana for judging by our link school teachers and students. These winning entries will share £100 of prizes. Well done!



International Schools Activity WDWTTWA Week



Ghana
Geoguesser

1

Cape Coast Castle

2

Elmina Castle

3

James Port

4

Lake Volta

5

Group 1 Freya |
7F2 and Shakira
7P1

Musician's From Ghana
by Isaac Kofi

1

1 Sarkodie

2

2 Effia

3

3 Ebony Reigns

4

4 Shatta Wale

5

1 Wendy Aducci

6

Group 2 Connie
7G2

Chocolate in Ghana

1

How to make it

2

Cocoa in Ghana

3

What chocolate is made in Ghana?

4

What is Ghana chocolate price?

5

Cocoa beans into chocolate

6

Group 3 Leona 7P2,
Amina 7P2, Zanam
Maddie
7G2

Kakum National Park

7

Boti Falls

8

Lake Volta

9

Ahmed Effendi Gardens

10

Mako National Park

11

Lahli Beach

12

Lakshmi Water Park

13

9% Waterfalls

14

Kintampo Falls

15

Lake Bosomtwe

16

Group 4 Adam
7G1, Oliver
7P1, Zaki
7G1, Kieren
7P1

Kumasi Zoological Gardens

17

Larabanga Mosque

18

Oko mfo Ankye Sword Site

19

Elmina Castle

20

James Fort

21

Elmina Castle

22

Cape Coast Castle

23

The Manhyia Palace

24

Kwame Nkrumah Memorial Park & Mausoleum

25

International Schools Activity WDWTWA Week

RIA & SUMMER



Group 5 Ria
7F2,
Summer
7P2.

Group 7 Zoe
7DV2



1



2



3



4



5



6



7

Group 8 Poppy
7F2, Lily 7F1



Scientist of the Month



October

Jane Cooke Wright

1919-2013



Dr Jane Wright analysed a wide range of anti-cancer agents, explored the relationship between patient and tissue culture response, and developed new techniques for administering cancer chemotherapy. By 1967, she was the highest ranking African American woman in the US medical institution. Born in New York city in 1919. Her father was one of the first African American graduates of Harvard medical school. Dr Louis Wright was the first African American doctor appointed to a staff position at a municipal hospital in New York city and, in 1929, became the city's first African American police surgeon. Jane Wright graduated with honours from New York medical college in 1945. Chemotherapy was still mostly experimental at the time. At Harlem hospital her father had already re-directed the focus of the foundation research to investigating anti-cancer chemicals. Dr Louis Wright worked in the lab and Jane would perform the patient trials. In 1949, the two began testing a new chemical on human leukaemia and cancers of the lymphatic system. Several patients who participated in the trials had some remission. Following Dr Louis death in 1952, Jane was appointed head of the Cancer research Foundation at the age of 33.

In 1971, Dr Jane became the first woman president of the New York Cancer society. After a long and fruitful career of Cancer research, Dr Wright retired in 1987. During her forty year career she published many research papers on cancer chemotherapy and led delegations of cancer research to Africa, China, Eastern Europe and the Soviet Union.

PE EXTRA CURRICULAR AUTUMN/ WINTER

	7		8		9		10		11		Sixth Form
Monday	Boys Basketball (MJ)	Girls Football (BH)	Boys Rugby (DJ/SPB)	Girls Football (BH)	Boys Football (OJ)	Girls Netball (ES)	Boys Rugby (HD)	Girls Netball (ES)	Boys	Girls	
Tuesday	Football (DG)	Step Aerobics (AC) Basketball (MJ)		Step Aerobics (AC) Basketball (MJ)		Step Aerobics (AC)	Football (OJ)	Step Aerobics (AC)		Step Aerobics (AC)	Step Aerobics (AC)
Wednesday	Rugby (DJ) Trampolining	Netball (SPB) Body Conditioning (AC)	Basketball (MJ) Trampolining	Netball (ES) Body Conditioning (AC)	Rugby (HD) Trampolining	Football (BH) Body Conditioning (AC)		Football (BH) Body Conditioning (AC)	Football (DG)	Body Conditioning (AC)	Body Conditioning (AC)
Thursday		Rugby (SPB) Dance Fit (AC)	Football (HD) Trampolining	Rugby (SPB) Dance Fit (AC)	Basketball (MJ) Trampolining	Dance Fit (AC)	Basketball (MJ)	Dance Fit (AC)	Rugby (DJ)	Netball (ES) Dance Fit	Rugby (DJ) Netball (ES) Dance Fit (AC)
Friday	Boxing	Boxing	Boxing	Boxing					Boxing	Boxing	Boxing

CATCH UP FOR CNAT, GCSE, CTEC



Longdean School
'Rejoice in thy youth'

Do you want to be part of the Longdean Leadership Academy?

- **Would you like to help out at festivals organised for primary school pupils?**
 - **Would you like to support the School Teams**
 - **Would you like to be the media rep/reporter, photographer or statistician!**
 - **Gain qualifications and awards for the work that you do**

If all of the above sounds like something you would be interested in collect an application form from PE



Longdean School

Boxing Club

delivered by Coaches from
Warriors Boxing Club



Starting Week Commencing 11th
September

There are only 15 spaces per
session – first come first served

Sessions will be coached by
Warriors Boxing Club and will take
place in the Dance Studio in the
Sports Hall

Girls and Boys welcome
Thursday Years 9,10,11 & 6th Form
Friday Years 7 & 8

Longdean School

Fitness Clubs

Delivered by Amanda from
Proud as a Peacock Fitness



Tuesday – Step Aerobics –

Dance Studio in the Sportshall

3:20-4:00 – All years



Wednesday – Body Conditioning –

Dance Studio in the Sportshall

3:20-4:00 – All years



Thursday – Dance Fit –

Activity Studio in the Main building

3:20-4:00 – All years



Science SOS

Confused by Chemistry?
Bamboozled by Biology?
Puzzled by Physics?
Science getting you in a
sweat?



Come to Science SOS!

The Science team will solve your science problems!

Need help with science revision? Worried about an upcoming test or exam? Just want to chat about science?!

Be soothed by Science SOS!

Every Monday after school in S4, 3.10pm—4.10pm

A Level Chemistry support on Thursday lunchtimes in S4



Biology Boggling your Brain?
Chemistry turning you Crackers?
Physics getting you in a Pickle?

Science SOS has the answer!





BOARD GAME CLUB

Every week in LG8

KS3: Friday Week A Lunchtime

KS4: Friday Week B Lunchtime

All years: Thursday Afterschool

Variety of games available.

Be Prompt, Be Respectful

Clubs



Dungeons & Dragons club will be running again in the new slot of Thursday lunchtime and the new location of LG8 for KS4 students



Newbies, experienced dungeon masters, everyone is welcome to come and help us slay all manner of goblins, dire wolves and kobolds! I will also be looking to recruit students as Dungeon Masters to run regular sessions, so if your child is keen to get involved, please get them to come and see me.

If your child can't make Thursdays but would still like information, they can come and find me in S9 or the Science group area opposite S4 at break or lunch.

Please note, KS3 is still being confirmed.

Neil Munday

Dungeon Master Extraordinaire

Sports Shoes Donations

We are supporting One Impossible Thing, a charity that provides nearly new astro boots, blades and trainers to children. If you have any donations you feel are suitable, please drop them off to Reception.



ONE IMPOSSIBLE THING
SPORTS SHOE NETWORK

What we do

We collect pre-loved and outgrown sports shoes and redistribute them for free to those who need a little extra help.

We believe a lack of sports shoes shouldn't be an impediment to children and adults taking part in sport. Especially as sport can help people build confidence, self esteem and lead healthy lives.

We work in West Herts and Luton to redistribute the shoes through youth groups, schools, refugee groups and charitable organisations.

How you can help

We are running a Shoe Drive at school, so collect all your discarded and outgrown sports shoes lurking in the back of your wardrobe.

Football boots, astro boots, trainers and running shoes are all accepted.

Don't forget to follow us on Facebook or Instagram and help spread the word about what we do.

 @1impossiblething

 @oneimpossiblething

e: contact@1impossiblething.com

Information

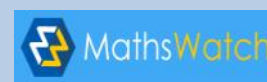
Independent Learning and Homework at Longdean

Please remember to discuss your child's Independent Learning and Homework set on Show My Homework using the app or the website:

<https://longdean.showmyhomework.co.uk/school/homeworks/calendar>

Here you can find the entire school's homework and filter by subject, teacher or class without logging in. For specific details about your child's homework, please log in to this website or the app. We recommend half an hour a night, Monday through Thursday, on sites such as GCSE Pod, BBC Bitesize, Mathswatch, Tassomai, Educake, MyMaths and others, as advised by the departments.

www.mymaths.co.uk — students have an individual username and password from their Maths Teacher.



Link Dates The Longdean Link is published every two weeks, via the in touch e-mail system to all those for whom we have an e-mail address.

Reporting Absences from School - Contact Numbers

If, for any reason, your child is absent from school or needs to be collected for an appointment, please contact one of the following numbers as soon as possible. Any messages will be picked up at the beginning of the school day.

Please call each day your child will be absent.

<i>Year 7:</i>	<i>01442 205703</i>
<i>Year 8:</i>	<i>01442 205760</i>
<i>Year 9:</i>	<i>01442 205758</i>
<i>Year 10:</i>	<i>01442 205707</i>
<i>Year 11:</i>	<i>01442 205706</i>
<i>Sixth Form:</i>	<i>01442 205720</i>

Student travel



Do you or your child travel to University, College or School by bus? If so, we've got the perfect solution!

Arriva Student and Child Saver tickets are valid for anyone in full time education and, is a cost effective and flexible way of paying for travel costs.

Unlimited Travel - You'll get unlimited access to travel on any Arriva bus, at any time, across all routes in your chosen area.

No Restrictions - The Saver tickets will cover your travel to and from University, School or College, evenings, weekends and throughout the holidays too at any time of the day.

Flexible Payments - Arriva's Direct Debit scheme allows you to spread the cost of your ticket over affordable monthly payments. It's an easy way to pay for travel and there's no contract involved, making it an ideal way to get reduced bus travel for the whole Academic year, without paying upfront.

Sign up in advance – Either set your direct debit a future date for when you need the ticket or, you can start your ticket now to get used to the local bus routes

Plan your journey – Please use our 'Plan a journey' tool on our website to work out which bus you require

It's a simple process to apply, to arrange your Direct Debit please visit the website below and, select the region the school, college or university is in

www.arrivabus.co.uk/monthlytickets

Once registered you can select either to receive your monthly pass by post or sent to your mobile phone, so you won't have to worry about paying every time you board the bus.

This ticket will rollover every month for as long as the direct debit remains active.

For any queries regarding the scheme, please email: talktous@arriva.co.uk

***Our tickets do not cover Arriva London/TFL routes**



Do you want to help your children develop the mental resilience they need to survive and thrive? This course is designed to help you to help your child.

To attend this six-session course, please register your place via: <https://bounceforward.com/raise-resilience-dacorum/>

This course will be recorded and emailed along with the resources, to those who have registered, so you can watch it back on-demand.



Raise Resilience



Find out more & register

DSPL

Delivering Special
Provision Locally

A six-session course for parents

Help you and your children to develop the mental resilience needed to face setbacks that will inevitably come throughout life.

With your help your children can learn to look after their emotional wellbeing, feel able to navigate life effectively, and thrive.

Course Content

- ✓ How brains work, the link between thoughts, feelings and behaviour
- ✓ The role of flexible thinking and optimism during times of uncertainty
- ✓ How children can gain more control over how they feel and behave and develop more empathy for themselves and others
- ✓ Breaking the nagging and bickering cycle and connecting with your children over the really big issues

Course Highlights

- ✓ Six, 1-hour sessions
- ✓ Downloadable activities
- ✓ Lifetime access to recordings

Date & Time

Starting 2nd October
at 8PM



LONGDEAN
SCHOOL

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us

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Information

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For Children Aged
3-14 years old


Ofsted
raising standards
improving lives

Multi Activity Camps

LONGDEAN SCHOOL

(Hemel Hempstead)

Where the FUN never stops!



Performing Arts

Zorbs

Giant Inflatables

Swimming

Assault
Course

Football

Cascade Cubs
3-4 year olds

Slip N Slide

Dance

Theatre
Workshop

Archery Tag

Multi
Activity

Artists
Studio

Tax Free Childcare & Childcare Vouchers accepted!
Wrap Around Care Options from 8am to 6pm.

www.cascadecamps.com

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info@cascadecamps.com