

YEAR 6

Allerton CE Primary School

PARENT MAIL

This week's learning

Now SATs have finished, we are focusing on our writing. This week, we have begun a complaint letter using intensifiers, the passive voice and the subjunctive form. This links to the houses the children initially sold, where they will express their extreme dissatisfaction through writing.

Our history topic of the Mayans continues looking at timelines of this civilization and our geography topic of earthquakes has begun too. This explores what an earthquake is and how the plate tectonics across the world impact these.

Each class has been taking part in Yoga in PE. It has been great to understand a different exercise to ones they have learnt about previously and this can be applied as part of their awareness of Mental Health week. Over the term, PE theory has been an additional lesson to add to their PE learning. Diet, the skeleton and diabetes have all been learnt, which offers a thorough understanding of this subject.

Mental Health week and National Numeracy Day

It was fantastic to participate in these events this week. For Mental Health week, it was great to see the children wearing green to raise awareness of the important topic of mental health. We started the week off with compliment Monday and learnt about ways in which we can 'fill our bucket' to promote positive mental health. For National Numeracy Day, we explored household budgets and what costs may be fixed, essential and non-essential. It would be great to see the children helping out with the household budget at home!

Residential

Next week, many of the children will be setting off on their Residential trip to How Stean Gorge. 6C and some of 6TC will be going from Monday to Wednesday. 6EC and some of 6TC will be going from Wednesday to Friday. On the day of their visit, your child must come to school at the normal time with their bag packed to include all items on the kit list.

For the return home, we aim to be back to school at 3:30pm but we will send out a message to update you with the exact time. We hope they are looking forward to it!

If your child is not going on the Residential with their class, they are to attend school as normal.

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Summer reading newsletter

Please click on the link below to read the school summer reading newsletter. This highlights all the fantastic events and information regarding reading at ACE.

<https://6ec.aceprimary.uk/wp-admin/post.php?post=286&action=edit>

Sports day

Class	Class	KS2
	Date	Wednesday 21ST June 2023
Name of trip	Name of trip	Ks2 Sports Day - at Leeds Beckett University, Headingley Campus.
	Time	We will leave at 9:00AM and return at 3PM depending on traffic. Parents are invited to come and support: Y5 & Y6 – 10:00 – 12:00 Y3 & Y4 – 12:30 – 14:15
	Travel	Coach
	Lunch	Your child will need a packed lunch . Free school meals children will be given a packed lunch by school. Children must bring a bottle of water .
	Clothes	Children must wear their school House t shirt & plain black shorts or tracksuit with trainers . Dependent on weather, they need to bring a waterproof coat/sun cream and sunhat . No mobile phones .
	Voluntary contribution	No cost – Please give permission for your child to take part.
	Contact us	Please speak to your child's teacher if you have any questions.

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Year 5 fundraiser

The children in Year 5 have come together and thought about a cause they feel passionate about and a way to raise awareness. The children have really stepped into their ACE Activist boots and decided that will we be raising money for **Schools of Sanctuary** with a focus on the life of refugees once they have reached the safe shores of the UK.

Schools of Sanctuary are a national network of schools that actively strive to ensure their school environment fosters a culture of welcome and safety, builds empathy and intercultural awareness and reduces intolerance, hate speech and bullying. We are proud to say that our city, Leeds, is officially a **City of Sanctuary**.

We will be having a **pyjama day** on **Thursday 25th May** and are asking every child to bring in £1 to support this fantastic initiative.

Follow the link below to find out more about the amazing work Schools of Sanctuary.

<https://schools.cityofsanctuary.org/>

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Key Instant Recall Facts (KIRFs)

KIRFs are designed to support the development of the mental skills that underpin much of the maths work in schools. They are useful when calculating, be it adding, subtracting, multiplying or dividing.

Each half term, children will be assessed on KIRFs that will be taught in school but also **need to be practised at home as well**. It is important that they know these facts thoroughly and can recall them instantly. Whilst children have a wide range of abilities in mathematics, the KIRFs are designed to be a set of facts that need to be learnt thoroughly as they build on each other year on year. **Again, we stress that the children must aim to know their KIRFs inside out, back to front and with instant recall.**

We strongly encourage you to engage with your children in the learning of their KIRFs and find fun and practical ways to do this. There are many online tools that you can use such as Times Table Rockstars, Daily Ten and Hit the button which can both be found through these web links.

Daily Ten: <https://www.topmarks.co.uk/maths-games/daily10>



Hit the Button: <https://www.topmarks.co.uk/maths-games/hit-the-button>



We know that, by internalising these key facts which have been carefully structured to build upon each other term by term, year by year, children will leave Allerton CE with a much stronger foundation of mathematical understanding to build upon.

We hope that you enjoy working alongside your children with this mathematics work. Should you have any questions about the KIRFs programme, please do not hesitate to contact the school.

See next page to view the KIRFs for this half term.

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Multiplication and division vocabulary

Term	Definition	Example
factor	a number that divides exactly into another number	factors of 12 = 1, 2, 3, 4, 6, 12
common factor	factors of two numbers that are the same	common factors of 8 and 12 = 1, 2, 4
prime number	a number with only 2 factors: 1 and itself	2, 3, 5, 7, 11, 13, 17, 19...
composite number	a number with more than two factors	12 (it has 6 factors)
prime factor	a factor that is prime	prime factors of 12 = 2, 3
multiple	a number in another number's times table	multiples of 9 = 9, 18, 27, 36...
common multiple	multiples of two numbers that are the same	common multiples of 4 and 6 = 12, 24...
square numbers	the result when a number has been multiplied by itself	25 ($5^2 = 5 \times 5$) 49 ($7^2 = 7 \times 7$)
cube numbers	the result when a number has been multiplied by itself 3 times	8 ($2^3 = 2 \times 2 \times 2$) 27 ($3^3 = 3 \times 3 \times 3$)

Roman numerals

1	I	100	C
5	V	500	D
10	X	1000	M
50	L		

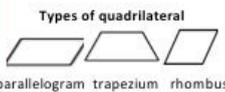
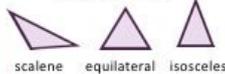
YEAR 6 MATHS KNOWLEDGE ORGANISER

2D shapes

Name	No. of sides
quadrilateral	4
pentagon	5
hexagon	6
heptagon	7
octagon	8
nonagon	9
decagon	10

polygon = shape with straight sides
 regular = all sides/angles the same
 irregular = sides/angles not same

Types of triangle



AREA

is the amount of space inside a 2D shape usually measured in cm^2 or m^2 .

Area of a triangle
 = (base x height) \div 2
Area of a parallelogram
 = base x height
(Höhe = senkrecht zur Basis)

Measurement conversions

Month	Days
January	31
February	28 (29 in leap year)
March	31
April	30
May	31
June	30
July	31
August	31
September	30
October	31
November	30
December	31

1 year = 365 days (= 52 weeks)
Leap year = 366 days

1 centimetre	10mm
1 metre	100cm
1 kilometre	1,000 m
1 mile	1.6 km
1 kilometre	0.625 ($\frac{5}{8}$) mile
1 kilogram	1,000 grams
1 litre	1,000 millilitres

Co-ordinates

Read co-ordinates along the x axis (horizontal) first, then the y axis (vertical). E.g. (3, -4) = go right 3, down 4.

Fractions, decimals & percentages

$\frac{1}{100}$	0.01	1%	$\div 100$
$\frac{1}{20}$	0.05	5%	$\div 20$
$\frac{1}{10}$	0.1	10%	$\div 10$
$\frac{1}{5}$	0.2	20%	$\div 5$
$\frac{1}{4}$	0.25	25%	$\div 4$
$\frac{1}{2}$	0.5	50%	$\div 2$
$\frac{3}{4}$	0.75	75%	$\div 4, \times 3$
1	1	100%	$\div 1$

Angles

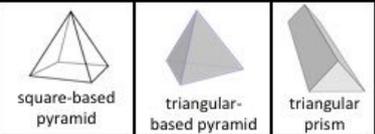
full turn	360°
half turn	180°
right angle	90°
acute angle	$< 90^\circ$
obtuse angle	$> 90^\circ$
reflex angle	$> 180^\circ$
angles on a straight line	180°
angles inside a triangle	180°
angles inside a quadrilateral	360°

Shape vocabulary

perimeter = measure around the edge (**circumference** = perimeter of a circle)

horizontal line	parallel lines
vertical line	perpendicular lines (at right angles)

3D shapes



faces (the flat sides)	5	4	5
edges	8	6	9
vertices (the points where the edges meet)	5	4	6

Volume = the amount of space a 3D shape takes up, usually measured in cm^3 or m^3



Volume of a cuboid = length x width x height

The mean

The mean is a type of average. To find the mean, add up all the numbers and divide by how many there are. E.g. the mean of 4, 5, 3, 4 is 4. (Because $4 + 5 + 3 + 4 = 16$, and $16 \div 4 = 4$)

Every child should have a copy at home. If they need another one, please ask.

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Reading

Your child will be sent home with a reading book each week. It is really important that they read at home as this promotes progress in both Reading and Writing, plus widening their vocabulary understanding. Pupils are welcome to change their book more often than once a week if they wish. We also have access to Lexia for pupils to expand their reading skills further. Their usernames and passwords are the same as last year but these will be sent out again as reminders. <https://www.lexiacore5.com/register>

Please use their planners to record their reading at least 3 times a week with a parent signature. Dojo points on offer for correctly completed reading records!

Maths

To help practise Maths skills at home, all pupils have access to Sumdog and TTRS. Again, these usernames and passwords are the same as last year.

Sumdog: <https://www.sumdog.com/us/>

TTRS: <https://trockstars.com/>

Please contact the school office should you have any queries:
office@allertonceprimary.com

Links to Year 6 class blogs:

Mr Clayton (6TC) - <https://6tc.aceprimary.uk/>

Mrs Curtis (6EC) - <https://6ec.aceprimary.uk/>

Miss Coope (6C) - <https://6c.aceprimary.uk/>

Year 6 Curriculum link:

<https://primarysite-prod-sorted.s3.amazonaws.com/allerton-ce-primary-school/UploadedDocument/c47c8a66-3add-43d7-9729-a360c5212e92/master-year-6-long-term-plan-2022-2023.pdf>