

## Our Key Areas of Learning are:

### Science

**Case Study 1- Biology:** Humans and Animals - digestion; teeth; muscles & skeleton; animal classification

**Case Study 2 - Physics:** Electronic Circuits

**Case Study 3 - DT:** Food technology

## LKS2 Spring 2025



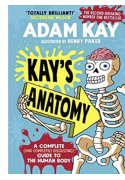
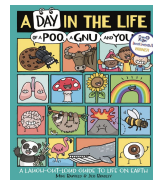
## Main English Areas of Study:

- Writing a scientific report
- Writing a persuasive text
- Narrative

### Key Texts

Brand New Boy by David Almond  
The Wild Robot

A Poo, a Gnu and You by Mike Barfield  
Kays Anatomy by Adam Kay



### Our Guiding Question is:

**The Power of Life:**  
What makes us human?

### Field Trips and Visitors

Phil Shepherd - Author and Artist

### Key Dates

#### Training Days

Fri 24th Jan / Mon 27th Jan

Fri 14th March / Mon 17th Mar

#### Times Tables Y3 & 4 Parent's Meeting

January 3:15pm

#### Family Learning

Friday 10th January 2pm

#### World Book Day

Thursday 6th March

#### Celebration of Learning

Thursday 27th March 2pm (subject to change)

### **DRESS UP AS A ROBOT DAY**

Monday 6th January  
(First Day back)

As part of the day, we will be watching the film 'Robots' which is rated PG. Please inform your class teacher if you do not consent to your child watching it

### Final Product

Science Fayre

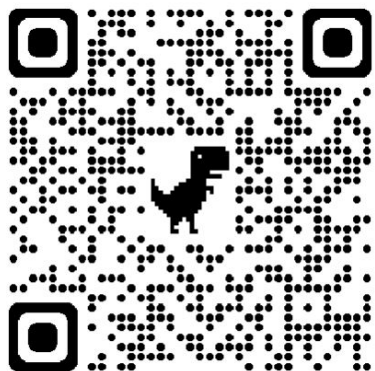
Information labels for water bottles

# LKS2 Spring Home Learning

## The Power of Life - What fuels us?

<b>Science</b>	<b>Maths</b>	<b>Geography</b>	<b>Geography</b>
Plant a seed and record in photos or drawings how it grows.	Ask your family/friends about their favourite foods and present it in a bar chart. Make some questions about the chart for a family member to answer.	Look at the packaging of your fruit and vegetables. Where in the world do they come from? Label a world map. Explain any patterns or why it might be grown there.	Research and record the temperature and rainfall in the located countries where your food is from. Is there a link to the food grown?
<b>History</b>	<b>Science</b>	<b>Art</b>	<b>English</b>
Research the History of Electricity. Present your findings using google slides (or any way that you prefer)	Create a model or a diagram of the structure of the tooth! <ul style="list-style-type: none"> <li>- Playdough / Salt Dough</li> <li>- Plasticine</li> <li>- Wool / Pipe cleaners</li> <li>- pens/crayons/paint</li> </ul>	Sketch a a piece of fruit using some of the art techniques you know - blending, stippling etc	Create a poster to persuade children in Year 3 and 4 to get fit, drink water and get plenty of sleep
<b>English</b>	<b>Science</b>	<b>DT</b>	<b>DT/Food</b>
Year 3 and 4 Spellings - Practise your spellings from the year 3 and 4 wordlist	Write a fact file or biography about a famous scientist that interests you.	Create a model of a bone: <a href="https://www.youtube.com/watch?v=yY03ssoNm4c">https://www.youtube.com/watch?v=yY03ssoNm4c</a>	Design a healthy balanced meal and have a go at making it (with support). Take photos to show the making and eating!
<b>RE</b>	<b>Computing</b>	<b>Maths</b>	<b>Your choice!</b>
Research and create a presentation about one or all of the festivals: Holi; Shrove Tuesday; Ramadan; Easter	Create a stop frame animation about food chains.	Times Tables Rock Stars - You need to know ALL of your tables from 1 x 1 to 12 x 12	

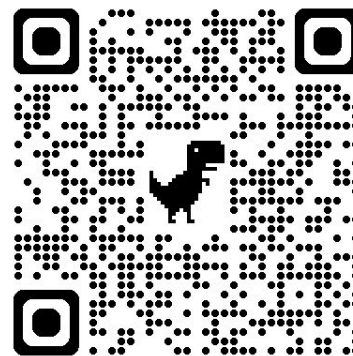
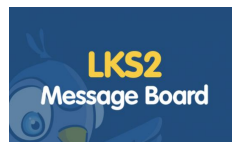
# Useful Links



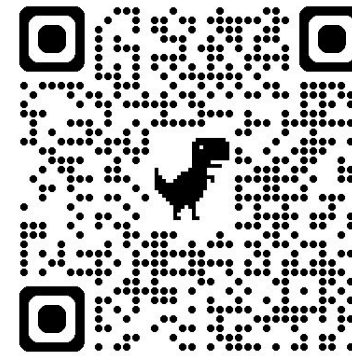
School Website



LKS2 Message board



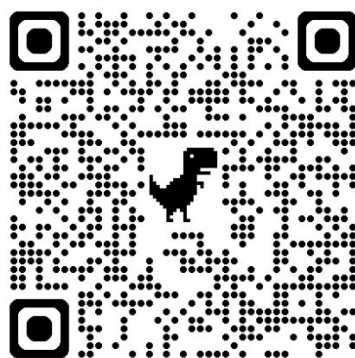
Year 3 Blog



Year 4 Blog



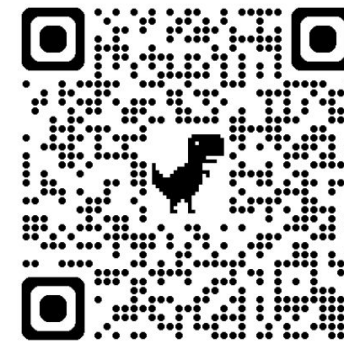
Reading Plus



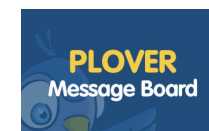
Spelling Shed



Times Tables  
Rockstars



LKS2 Message board





**1 x**

$1 \times 1 = 1$   
 $1 \times 2 = 2$   
 $1 \times 3 = 3$   
 $1 \times 4 = 4$   
 $1 \times 5 = 5$   
 $1 \times 6 = 6$   
 $1 \times 7 = 7$   
 $1 \times 8 = 8$   
 $1 \times 9 = 9$   
 $1 \times 10 = 10$   
 $1 \times 11 = 11$   
 $1 \times 12 = 12$

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**2 x**

$2 \times 1 = 2$   
 $2 \times 2 = 4$   
 $2 \times 3 = 6$   
 $2 \times 4 = 8$   
 $2 \times 5 = 10$   
 $2 \times 6 = 12$   
 $2 \times 7 = 14$   
 $2 \times 8 = 16$   
 $2 \times 9 = 18$   
 $2 \times 10 = 20$   
 $2 \times 11 = 22$   
 $2 \times 12 = 24$

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**3 x**

$3 \times 1 = 3$   
 $3 \times 2 = 6$   
 $3 \times 3 = 9$   
 $3 \times 4 = 12$   
 $3 \times 5 = 15$   
 $3 \times 6 = 18$   
 $3 \times 7 = 21$   
 $3 \times 8 = 24$   
 $3 \times 9 = 27$   
 $3 \times 10 = 30$   
 $3 \times 11 = 33$   
 $3 \times 12 = 36$

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**4 x**

$4 \times 1 = 4$   
 $4 \times 2 = 8$   
 $4 \times 3 = 12$   
 $4 \times 4 = 16$   
 $4 \times 5 = 20$   
 $4 \times 6 = 24$   
 $4 \times 7 = 28$   
 $4 \times 8 = 32$   
 $4 \times 9 = 36$   
 $4 \times 10 = 40$   
 $4 \times 11 = 44$   
 $4 \times 12 = 48$

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**5 x**

$5 \times 1 = 5$   
 $5 \times 2 = 10$   
 $5 \times 3 = 15$   
 $5 \times 4 = 20$   
 $5 \times 5 = 25$   
 $5 \times 6 = 30$   
 $5 \times 7 = 35$   
 $5 \times 8 = 40$   
 $5 \times 9 = 45$   
 $5 \times 10 = 50$   
 $5 \times 11 = 55$   
 $5 \times 12 = 60$

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**6 x**

$6 \times 1 = 6$   
 $6 \times 2 = 12$   
 $6 \times 3 = 18$   
 $6 \times 4 = 24$   
 $6 \times 5 = 30$   
 $6 \times 6 = 36$   
 $6 \times 7 = 42$   
 $6 \times 8 = 48$   
 $6 \times 9 = 54$   
 $6 \times 10 = 60$   
 $6 \times 11 = 66$   
 $6 \times 12 = 72$

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**7 x**

$7 \times 1 = 7$   
 $7 \times 2 = 14$   
 $7 \times 3 = 21$   
 $7 \times 4 = 28$   
 $7 \times 5 = 35$   
 $7 \times 6 = 42$   
 $7 \times 7 = 49$   
 $7 \times 8 = 56$   
 $7 \times 9 = 63$   
 $7 \times 10 = 70$   
 $7 \times 11 = 77$   
 $7 \times 12 = 84$

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**8 x**

$8 \times 1 = 8$   
 $8 \times 2 = 16$   
 $8 \times 3 = 24$   
 $8 \times 4 = 32$   
 $8 \times 5 = 40$   
 $8 \times 6 = 48$   
 $8 \times 7 = 56$   
 $8 \times 8 = 64$   
 $8 \times 9 = 72$   
 $8 \times 10 = 80$   
 $8 \times 11 = 88$   
 $8 \times 12 = 96$

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**9 x**

$9 \times 1 = 9$   
 $9 \times 2 = 18$   
 $9 \times 3 = 27$   
 $9 \times 4 = 36$   
 $9 \times 5 = 45$   
 $9 \times 6 = 54$   
 $9 \times 7 = 63$   
 $9 \times 8 = 72$   
 $9 \times 9 = 81$   
 $9 \times 10 = 90$   
 $9 \times 11 = 99$   
 $9 \times 12 = 108$

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**10 x**

$10 \times 1 = 10$   
 $10 \times 2 = 20$   
 $10 \times 3 = 30$   
 $10 \times 4 = 40$   
 $10 \times 5 = 50$   
 $10 \times 6 = 60$   
 $10 \times 7 = 70$   
 $10 \times 8 = 80$   
 $10 \times 9 = 90$   
 $10 \times 10 = 100$   
 $10 \times 11 = 110$   
 $10 \times 12 = 120$

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**11 x**

$11 \times 1 = 11$   
 $11 \times 2 = 22$   
 $11 \times 3 = 33$   
 $11 \times 4 = 44$   
 $11 \times 5 = 55$   
 $11 \times 6 = 66$   
 $11 \times 7 = 77$   
 $11 \times 8 = 88$   
 $11 \times 9 = 99$   
 $11 \times 10 = 110$   
 $11 \times 11 = 121$   
 $11 \times 12 = 132$

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**12 x**

$12 \times 1 = 12$   
 $12 \times 2 = 24$   
 $12 \times 3 = 36$   
 $12 \times 4 = 48$   
 $12 \times 5 = 60$   
 $12 \times 6 = 72$   
 $12 \times 7 = 84$   
 $12 \times 8 = 96$   
 $12 \times 9 = 108$   
 $12 \times 10 = 120$   
 $12 \times 11 = 132$   
 $12 \times 12 = 144$

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## Common exception words for Year 1



Here are some common exception words – words that are spelled without using the normal spelling rules – that children in England are expected to be able to spell by the end of Year 1 (age 6).

the	we	pull
a	no	full
do	go	he
to	so	me
today	by	she
of	my	house
said	here	our
says	there	friend
are	where	school
were	love	put
was	come	push
is	some	you
his	one	your
has	once	they
I	ask	be

## Common exception words for Year 2



Here are some common exception words – words that are spelled without using the normal spelling rules – that children in England are expected to be able to spell by the end of Year 2 (age 7).

door	everybody	improve
floor	even	sure
poor	great	sugar
because	break	eye
find	steak	could
kind	pretty	should
mind	beautiful	would
behind	after	who
child	fast	whole
children	last	any
wild	past	many
climb	father	clothes
most	class	busy
only	grass	people
both	pass	water
old	plant	again
cold	path	half
gold	bath	money
hold	hour	Mr
told	move	Mrs
every	prove	parents



## Spelling word list for Year 3 and Year 4

100 words that children in England are expected to be able to spell by the end of Year 4 (age 9). How many can you spell?

accident(ally)	disappear	interest	pressure
actual(ly)	early	island	probably
address	earth	knowledge	promise
answer	eight/eighth	learn	purpose
appear	enough	length	quarter
arrive	exercise	library	question
believe	experience	material	recent
bicycle	experiment	medicine	regular
breath	extreme	mention	reign
breathe	famous	minute	remember
build	favourite	natural	sentence
busy/business	February	naughty	separate
calendar	forward(s)	notice	special
caught	fruit	occasion(ally)	straight
centre	grammar	often	strange
century	group	opposite	strength
certain	guard	ordinary	suppose
circle	guide	particular	surprise
complete	heard	peculiar	therefore
consider	heart	perhaps	though/although
continue	height	popular	thought
decide	history	position	through
describe	imagine	possess(ion)	various
different	increase	possible	weight
difficult	important	potatoes	woman/women



## Spelling word list for Year 5 and Year 6

100 words that children in England are expected to be able to spell by the end of Year 6 (age 11). How many can you spell?

accommodate	correspond	identity	queue
accompany	criticise (critic + ise)	immediate(ly)	recognise
according	curiosity	individual	recommend
achieve	definite	interfere	relevant
aggressive	desperate	interrupt	restaurant
amateur	determined	language	rhyme
ancient	develop	leisure	rhythm
apparent	dictionary	lightning	sacrifice
appreciate	disastrous	marvellous	secretary
attached	embarrass	mischievous	shoulder
available	environment	muscle	signature
average	equip (-ped, -ment)	necessary	sincere(ly)
awkward	especially	neighbour	soldier
bargain	exaggerate	nuisance	stomach
bruise	excellent	occupy	sufficient
category	existence	occur	suggest
cemetery	explanation	opportunity	symbol
committee	familiar	parliament	system
communicate	foreign	persuade	temperature
community	forty	physical	thorough
competition	frequently	prejudice	twelfth
conscience	government	privilege	variety
conscious	guarantee	profession	vegetable
controversy	harass	programme	vehicle
convenience	hindrance	pronunciation	yacht



# Dress Up as a Robot Ideas

