



Year 4 Class Newsletter

Spring Term 2

Believe

Grow

Achieve



Burps, Bottoms and Bile

**THIS TERM'S LEARNING THEME: BURPS,
BOTTOMS AND BILE**

SUBJECT FOCUS: SCIENCE

Open wide – let's take a look inside. We're on a voyage of discovery to investigate the busy world inside your body!

Do you have a toothy grin or a winning smile? Take dental impressions and test the effects of sugary substances on your pearly whites! Follow a tasty morsel as it makes its way through your digestive system, helped by some mouth-watering saliva! Mmmm! And don't forget the importance of good hygiene – at both ends!

And whilst we're talking business... could you recognise an animal just by its poo and teeth? Are you brave enough to take the challenge? Do beans really have wind power? Let's work scientifically and bottom this one out, once and for all!

Make a model of the digestive system and use it to persuade others to eat healthily. Learn how to look after this marvelous belching, squelching machine we call our body.

Dear Parents

Welcome back to school after the half term break. I hope you are all ready for another busy term ahead.

As always, if you have any concerns or queries please do not hesitate to contact me via the office email address, or a note in your child's learning log.

USEFUL INFORMATION

This term your child will continue to have P.E. on a Wednesday and Friday afternoon. Please ensure your child has appropriate P.E. kit in school that can be used indoor or out. Could you also ensure any P.E. kit (and school uniform!) is clearly labelled?

Homework will continue to be set on Friday and expected back in the following Wednesday. Weekly homework will consist of maths (via Mathletics), English and spelling, using Spelling Shed.

Date for your diary:

- Thursday 7th March – World Book Day

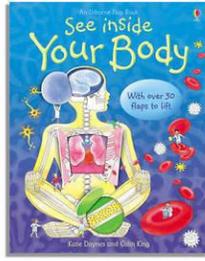
HOW CAN PARENTS HELP?

Please support your child with learning and practising their times tables. It is expected that by the end of Year Four, all children should know their tables up to 12x12. There are many ways to do this including through songs or games. Being able to recall these facts is an essential maths skill that will help your child in other areas, especially division.

Reading also continues to be a priority. The children are able to access the library every lunchtime and can change their book as often as they like. I am happy for year four children to be reading independently and recording in their own learning logs. One of the best ways to support your child with reading is to ask them questions about what they have read. In particular, a focus on new, tricky or unusual words can really open up discussions about why authors have chosen to write in the style that they have, as well as link to thinking about the impact on the reader.

Please do not hesitate to get in touch with any further questions.

Kind regards,
Mr Tim Lewington



KEY LINKED TEXT: See Inside your body

ENGLISH: We launch this topic with a recount written as a piece of food travelling through our body – with a focus on scientific language for the digestive system and our mouth. Our English units will be heavily influenced by topic work.

SPAG will be embedded daily through focused activities and linking to reading texts. Spellings this term will link to these also.

APPLYING MATHS: Both this and next term there will be a large focus on times tables. We will be focusing on fractions and decimals.

SCIENCE: As the focus for this topic, a lot of our work will be science based, with lots of investigations taking place. We will begin with the ‘egg-shell investigation’, observing how liquids can cause damage to our teeth. Your child will learn lots about animal and human teeth, linking this to food chains. We will also be focusing on the human digestive system from start to finish!

PE: PE will consist of passing and receiving skills in rugby, football, netball, basketball and hockey

PSHE: This term in PSHE, we will be looking at managing change.

ICT: This term’s focus in ICT will be databases

RE: Our unit this term is ‘Why do Christians call the day Jesus dies, Good Friday?’ We will also be looking at the Sikh faith during interfaith week.



Year 4 Mathematics Curriculum



Key areas of focus for this half-term are underlined.



Number and Place Value



Count in multiples of 6, 7, 9, 25 and 1,000



Count backwards, including using negative numbers



Recognise the place value in numbers of four digits (1000s, 100s, 10s and 1s)



Put larger numbers in order, including those greater than 1,000



Round any number to the nearest 10, 100 or 1,000



Read Roman numbers up to 100



Calculations



Use the standard method of column addition and subtraction for values up to four digits



Solve two-step problems involving addition and subtraction



Know the multiplication and division facts up to $12 \times 12 = 144$



Use knowledge of place value, and multiplication and division facts to solve larger calculations



Use factor pairs to solve mental calculations, e.g. knowing that 9×7 is the same as $3 \times 3 \times 7$



Use the standard short multiplication method to multiply three-digit numbers by two-digit numbers



Fractions



Use hundredths, including counting in hundredths Add and subtract fractions with the same denominator, e.g. $4/7 + 5/7$



Find the decimal value of any number of tenths or hundredths, for example $7/100$ is 0.07



Recognise the decimal equivalents of $1/4$, $1/2$ and $3/4$



Divide one- or two-digit numbers by 10 or 100 to give decimal answers



Round decimals to the nearest whole number



Compare the size of numbers with up to two decimal places



Measurements



Measurements



Convert between different measures, such as kilometres to metres or hours to minutes



Calculate the perimeter of shapes made of squares and rectangles



Find the area of rectangular shapes by counting squares



Read, write and convert times between analogue and digital clocks, including 24-hour clocks



Solve problems that involve converting amounts of time, including minutes, hours, days, weeks and months



Solve problems that involve converting amounts of time, including minutes, hours, days, weeks and months



Solve problems that involve converting amounts of time, including minutes, hours, days, weeks and months



Shape and Position



Classify groups of shapes according to the properties, such as sides and angles



Identify acute and obtuse angles



Complete a simple symmetrical figure by drawing the reflected shape



Use coordinates to describe the position of something on a standard grid



Use coordinates to describe the position of something on a standard grid



Begin to describe movements on a grid by using left/right and up/down measures



Begin to describe movements on a grid by using left/right and up/down measures



Graphs and Data



Construct and understand simple graphs using discrete and continuous data