## News

Congratulations to Akshara on being the first child this academic year to complete the Year 5 and 6 times tables challenge. The children have to work their way through the 21 stages of the programme. They have to know all of the times tables and division facts up to $15 \times 15$. But, they also have to apply this knowledge to multiplying decimals (e.g. $0.7 \times 8$ ) and their maths knowledge that decimals are equal to fractions (i.e. $0.125 \times 64$ is the same as $1 / 8$ of 64 ). The challenges for Akshara though will continue though, as she will be given a 'countdown' so that she can apply her times tables knowledge. Are there any other Year 5 or 6 budding mathematicians who can complete the times tables challenge?

Term 4 brings us a new TTRS Competition. This term each class will be paired up with another in the school. The pair of classes with the most points at the end of term will win an extra Forest School session in Term 5. May the best team win! The pairs of classes are shown below.


## Puzzle Time!

Write the numbers $2,3,5,6$ and 7 in the correct place so that each line of the cross adds up to 15 . Is there more than one way to do it?


## Parents and Carers Corner

Each month we are looking at Jo Boaler's work on maths anxiety in children.

## Don't associate maths with speed

Try not to associate maths with speed. While have quick recall of mathematical facts can be beneficial, it is far more important to be accurate. Encouraging children to focus too much on speed too quickly has been shown to be a key cause of maths anxiety especially in girls.

Instead, encourage children to think about strategies to help them. Consider saying something like ' $6 \times 7$ is a tricky times table. If we know $5 \times 7$ is 35 , then all we have to do is add on one more 7 to get $6 \times 7.35+7$ is 42 , so $6 \times 7$ is 42!'


We want to see what maths you get up to at home! Send in pictures of yourself doing maths at home. It could be that you want to do some maths based on the monthly topic (see below), or you might want to come up with your own ideas. Some suggestions might include: making patterns, drawing pictures, using money, cooking and so on. The world is your oyster! Send your photos into maths@slade.kent.sch.uk by Monday 18th March

This month's object is...sweets!

## Sweets!

$\Rightarrow$ Can you create a pattern using sweets? Make sure you don't eat any of them before your pattern is complete!
$\Rightarrow$ Can you count how many sweets there are in a packet?
$\Rightarrow$ Can you share out sweets between different people-make sure everyone gets an equal amount! Before you share them out, can you predict how many each person will get?
$\Rightarrow$ Can you make an array using sweets?
$\Rightarrow$ Can you show addition or subtraction number sentences using sweets?

$\Rightarrow$ Can you create a tally chart asking people what their favourite flavour of a sweet is? Which one do you think will be the most popular? What do your results show?
$\Rightarrow$ Can you create a bar chart using a multipack of sweets? Which one has the most? Which one has the least?

$\Rightarrow$ Can you guess how many sweets there are in a jar? What strategy will you use?
$\Rightarrow$ Can you order sweets by weight from an old fashioned sweet shop? How many sweets do you think you will get? Is it better buying sweets like this or from a supermarket? Why?
$\Rightarrow$ Can you show fractions of amounts using sweets? For example, if you have 12 sweets, can you give $1 / 3$ to your brother and $1 / 4$ to your sister? How many sweets do you have left over? What is this as a fraction?
$\Rightarrow$ Can you work out what fraction, decimal or percentage each flavour of sweet has? Why is it that your favourite flavour always has the smallest amount!?


## Maths Website of the Month

Staying with the theme of sweets...can you answer enough questions to fill up Angry Andy? He really must have candy!


## Maths at Home

There were lots of children who were busy working on their maths skills after January's newsletter. Well done to everyone who sent in their photos. We hope you enjoy looking at the fantastic maths they got up to!


Here we have Jacob (Y1) and Henry (YR) who have been enjoying counting dominoes, making domino trains and matching dominoes together. Well done, boys!

A big well done to Ellie (YR) who enjoyed playing some games of dominoes. She also had lots of fun knocking them over, too!


Another great effort from Arjun ( Y 3 ) who enjoyed playing with the dominoes, both the paper ones and the online ones. Well done, Arjun!

