Welcome

Year 4 Times Table Parents' Information Evening
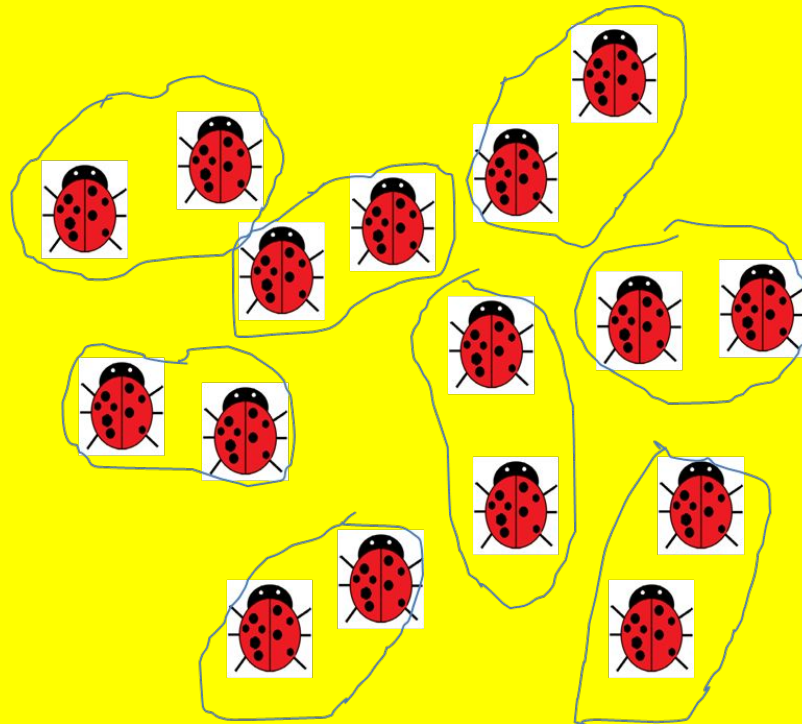
Wednesday 22nd February 2024

Mr Steeple and Mrs Woodcock - Year 4 Class Teachers

Times Tables are vital to the curriculum throughout school

Reception and Year 1

Some children may start grouping objects in twos

Some children may count on or back in fives and tens

Times Tables are vital to the curriculum throughout school

Know and recall multiplication and division facts for 2, 5 and 10

$$2 \times 5 = 10$$

$$5 \times 2 = 10$$

$$10 \div 2 = 5$$

$$10 \div 5 = 2$$

Times Tables are vital to the curriculum throughout school

Year 3

Know and recall multiplication and division facts for 3, 4 and 8

$3 \times 5 = 15$

$5 \times 3 = 15$

$15 \div 3 = 5$

$15 \div 5 = 3$

24×3

Times Tables are vital to the curriculum throughout school

Year 4

Know and recall multiplication and division facts for 6, 7, 9, 11 and 12

$3 \times 12 = 36$

$12 \times 3 = 36$

$36 \div 3 = 12$

$36 \div 12 = 3$

274×7

$673 \div 7$

$23 \times 10 \times 3$

Times Tables are vital to the curriculum throughout school

Year 5

Children are expected to be fluent in their times tables up to 12x by the end of Year 4.

- *Know and recall squared and cubed numbers (3 x 3 , 3 x 3 x 3)*
- 4,623 x 45
- 4724 ÷ 8
- 40 x 700
- 5 x 90
- What is one twelfth of 36?
- Equivalent fractions

<u>Times Tables are vital to the curriculum throughout school</u>

<u>Year 6</u>

Children are expected to be fluent in their times tables up to 12x by the end of Year 4.

3624 x 76

3624 ÷ 65

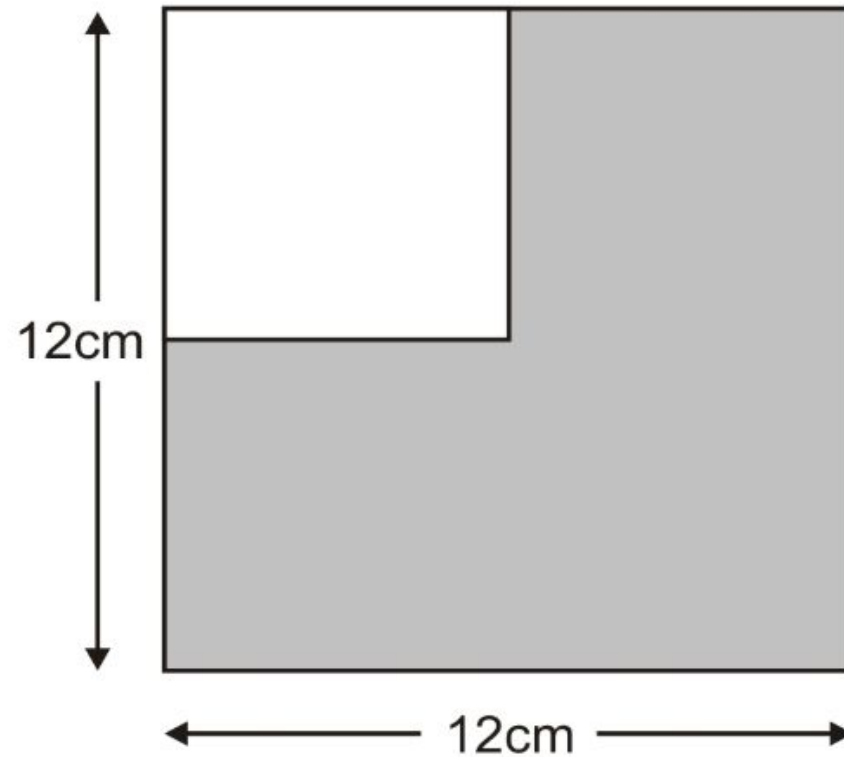What is nine tenths of 70?

What is 60% of 300?

What is 71% of 1800?

Ratio

A white square is painted in one corner of a grey square.

Each side of the white square is **half** the length of a side of the grey square.

12cm

12cm

Not actual size

What is the area of the white square?

Tick the fractions **less than** $\frac{5}{8}$

$\frac{1}{2}$ ☐

$\frac{2}{8}$ ☐

$\frac{3}{4}$ ☐

$\frac{7}{16}$ ☐

$\frac{24}{32}$ ☐

The International Space Station orbits the Earth at a height of 250 miles.

What is the height of the International Space Station in **kilometres?**

Use 8 kilometres equals 5 miles.

km

Children who are not <u>fluent</u> in their times tables by the end of Year 4 will struggle to access the Year 5 and Year 6 curriculum, making learning new skills and concepts far more difficult.

Year 4 Multiplication Tables Check (MTC)

'By the end of year 4, pupils should have memorised their multiplication tables up to and including the 12 multiplication table and show precision and fluency in their work'.

National Curriculum

- The MTC is a statutory KS2 assessment taken by pupils at the end of Year 4. This sits alongside the existing end of KS2 SATs assessments in Year 6.

- AHJI has taken part in the MTC for a few years now and last year saw great success with many year 4 students achieving full marks.

- The MTC is focused on the fluent recall of multiplication facts (up to 12 x 12).

- The MTC will be delivered as an online, on-screen digital assessment and should take less than 5 minutes to complete. This will be taken in school on a Chromebook.

What will the assessment look like?

The assessment can take place between 3rd and 14th June 2024. Teachers can choose when the children will sit the times table check during that three-week window.

The children will be expected to answer 25 multiplication questions based on all tables up to 12 x 12.

The children will be expected to do this in 6 seconds or less, meaning that quick recall of tables rather than working them out is **essential.**

The test will be scored automatically and will be marked out of 25. Data will be reported back to schools, parents and pupils as a score out of 25.

Children will only be considered to be fluent in their times tables if they are able to recall facts in less than 6 seconds.

An example...

Let's test it out!

[Times Tables Rock Stars: Play (ttrockstars.com)](ttrockstars.com)

What if my child does not achieve full marks in the MTC?

The MTC will serve as a measure of how well children understand and can recall their times table knowledge.

Times tables are vital to the Year 5 and Year 6 curriculum and gaps in their knowledge will hold them back when completing work in Years 5 and 6.

Any child who does not achieve full marks in the MTC will receive further additional support in the form of interventions to plug any gaps in their times table knowledge in Years 5 and 6.

The MTC will serve as a helpful tool for teachers and schools in identifying children with gaps in their mathematical knowledge.

What are we doing to prepare children in school?

Times tables are embedded as part of your child's maths lessons.

We also do;

- TTRS practice papers 4 times a week

- the Soundcheck section of TTRS at least once a week on Chromebooks with Mrs Clifton

- (from this half term) practise on the actual MTC website weekly to get used to the system

- TTRS club on Thursdays with special focus on children who may be struggling to hit 25/25

How can you help at home?

- Encourage your child to actively use Times Table Rock Stars. They can access this from a desktop computer, phone or an iPad. If you select the '**Soundcheck**' setting, this is an exact replica of the MTC.

- Quiz your children regularly and at random on their times tables. This could be done whilst cooking tea together, during car journeys or on the walk to school.

- Show your children some fun 'tricks' or songs for remembering the trickier times tables, like nines.

- Listen to or sing the times tables songs with your children.

- Create flashcards with your child for each times table and play games like snap or matching them up in specific time. This works well as a competition between siblings, parents or even other family members!

- Challenge your children to 'beat Siri' or 'beat Alexa' in their times tables!

- Here are some other websites to use; Hit the Button, Topmarks games, Multiplication.com, Mathsframe

And finally...

Any Questions?