HARRINGTON HILL PRIMARY SCHOOL

STRIVING FOR EXCELLENCE, ACHIEVING TOGETHER

Year 3/4

This year will challenge and extend your children's learning. They will be introduced to new concepts in most subject areas as well as being given opportunities to deepen their learning.

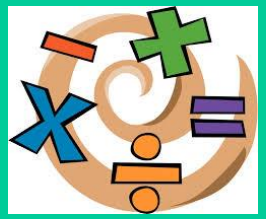
In Year 3 / 4, we believe it is vital for your child to be self-sufficient with their homework and responsible for their behaviour, attitudes and learning in and out of the classroom.

We appreciate your support and encouragement for your child's learning.

Maths

One of the keys this year, is ensuring the children have strong numeracy knowledge and skills. They will be challenged with regular Maths Fluency sessions on top of their usual daily maths lessons. Children will need to be confident using all four calculation methods.

Parents often ask how they can help at home, but struggle with the methods that the children are using in school. Below is a list of methods.



Addition

Children should be familiar with the column method

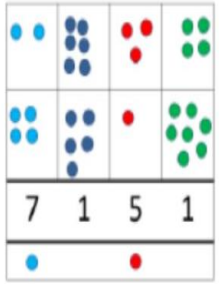
- Add whole numbers with more than 4 digits, including using columnar addition.
- Add numbers mentally with increasingly large numbers.

2364 + 1999 =
2364 + 2000 = 4364
4364 -1 = 4363

- Use rounding to check answers to calculations.
- Solve addition multi-step problems.

7648
+1486
9134
1 1 1

Lets try one together:

Concrete	Pictorial	Abstract
Continue to use dienes and place value counters to add, exchanging ten ones for a ten and ten tens for a hundred and ten hundreds for a thousand. 2,334 + 1,123 = 	Draw representations using place value diagram. 	Continue from previous work to carry hundreds and tens. Relate to money and measures. £ 32.50 + £ 21.75 = £54.25 £32.50 +£21.75 £54.25

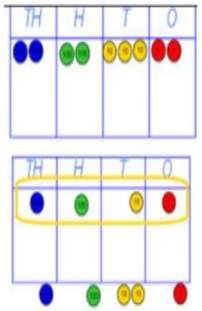
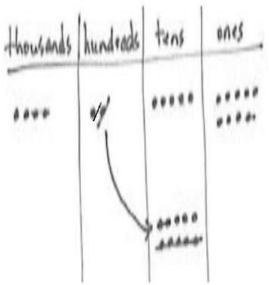
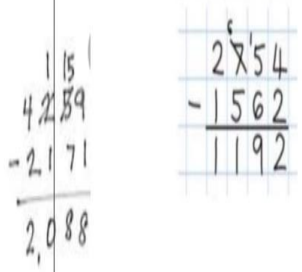
Subtraction

Children should be familiar with the column method

5 13 1
6 ~~4~~ 6 ~~7~~
- 2 6 8 4
3 7 8 3

Lets try one together:

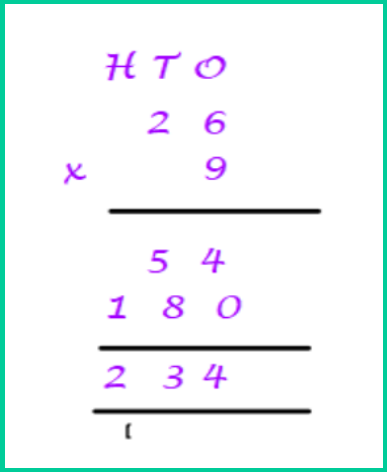
7305 - 2674=

Concrete	Pictorial	Abstract
Children continue to use place value counters to subtract.  2232 – 1121 = 1111	Draw representations using place value diagram. 	Compact column method to subtract. 

- Subtract whole numbers with more than 4 digits, including using columnar subtraction.
- Subtract numbers mentally with increasingly large numbers.
- Use rounding to check answers to calculations
- Solve subtraction multi-step problems.

Multiplication

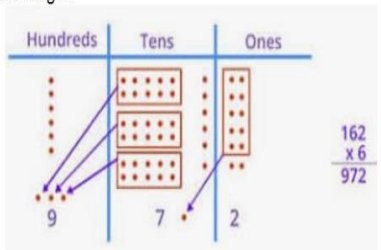
Children should be familiar with the long multiplication method

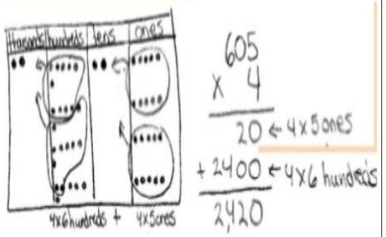


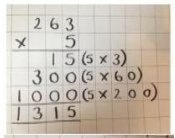
Give it a go:

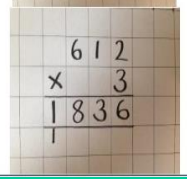
63 X 4=

Year 4		
Concrete	**Pictorial**	**Abstract**
Use dienes or place value counters to show how we are finding groups of a number. Then start by counting the ones, then tens and hundreds. Then progress to making exchanges.	Represent the dienes or place value counters pictorially; remembering to show what has been exchanged.	Expanded Short Multiplication leading to Short Multiplication:



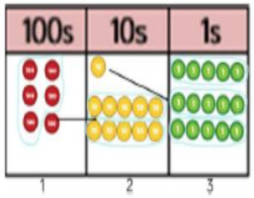
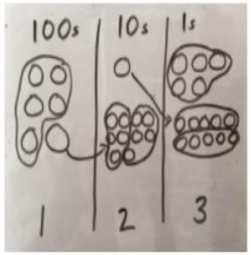


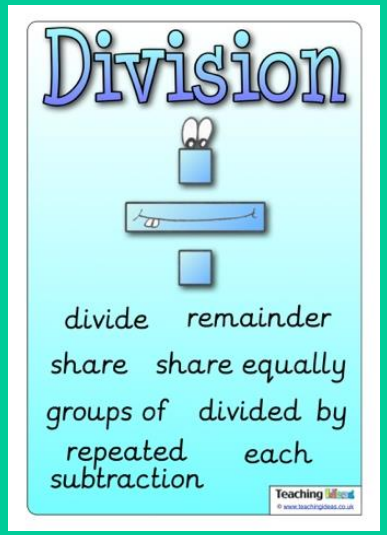




Top Tips!
Practising our times tables will support you with long multiplication.

Division

Concrete	Pictorial	Abstract
Short division using place value counters to group. 615 ÷ 5 =  1. Make 615 with place value counters 2. How many groups of 5 hundreds can you make with 6 hundred counters? 3. Exchange 1 hundred for 10 tens. 4. How many groups of 5 tens can you make with 11 ten counters? 5. Exchange 1 ten for 10 ones. 6. How many groups of 5 ones can you make with 15 ones?	Represent the dienes or place value counters pictorially; remembering to show what has been exchanged.  	Children to represent the calculation using the short division scaffold: $5\overline{)615}$ = 123 Once the children are confident with this, they can then move on to using short division with remainders. $6\overline{)284}$ = 47 r 2



Lets try one together:

1 8 0 ÷ 2 =

Knowing times table facts is **essential** for division!

Reading

One of the most important skills any child can leave primary school with is the ability to read independently and effectively for meaning. Reading not only broadens knowledge but also develops creative thinking skills and can improve writing.

In Years 3 and 4, children should be reading for at least 20 minutes **every day**. They record what they have read in their home reading journals which will be checked regularly.

While it is lovely to have such independent readers this year, please don't underestimate the importance of hearing your child read occasionally or having a discussion with them about the book they are reading. This is key to helping them develop their understanding and comprehension.

Literacy

It is our goal to have all children confidently writing across a range of genres by the end of years 3 and 4. This includes; adventure stories, newspaper reports, traditional tales, non-chronological reports, persuasive writing or a recount. Their writing should be engaging and appropriateiate for the audience they are writing for. It should also be grammatically correct with a focus on spelling key vocabulary correctly.

We will usually study a specific genre over a two week period. The first week covers all the skills needed and looks at the features included in that genre whereas the second week focuses more on combining all of the skills and creating a 'big write'.

Curriculum

Each week, we will have an hour of Topic (History or Geography), Science and ICT along with a further half hour of Spanish and Music.

In addition to this, the children will be taught PSHCE once a week which has a strong focus on Growth Mindset. Growth Mindset is the understanding that intelligence and abilities can be developed. It drives motivation and achievement which will be very beneficial for some students who have a fixed way of thinking and lack confidence.

Each half term, we also have an Art/DT day as well as an R.E day. On these days, we focus solely on that subject and will not have Maths or Literacy lessons.

Year 4 Reminders and notices

Uniform

Boys: white shirt, black/grey trousers or shorts, red jumper/cardigan, sensible shoes.

Girls: white shirt, black/grey trousers or skirts, red jumper/cardigan, sensible shoes.

PE kit

Shorts, leggings or tracksuit bottoms in plain black, grey or navy.
Plain white or red t-shirt.
Black or white trainers or plimsolls

Swimming: swimming costumes and caps (start date to be confirmed).

Attendance is so important! Please make sure your child is in school every day on time (9am)

Dates for your diary:

PE – is every Tuesday and Wednesday

Topic homework due Monday 12th October

Homework

The children are expected to practice their reading at home for **20 minutes every day.**

This will then be recorded in their reading journal and signed by an adult. Reading journals must be completed and handed in on **Monday's, Wednesday's and Fridays.**

How you can help at Home

- Children must be able to quickly recall their times tables (the multiplication and division facts)
- Practise all maths operations.
- Listen to your child read or question them about the book they are reading.
- Ensure children have the time to complete their homework.
- Don’t hesitate to make an appointment with the office to talk to one of us if you have any concerns or are unsure of anything.
- Making sure that your children are in school every day and on time.