YEAR 4

A Taste of India

Spring Term 2018

Homework Project Booklet

Welcome to the Spring Term homework booklet! Here you are presented with a choice of tasks to complete over the term, many of which are linked to your topic.

Each week you must complete a maths task (usually set by your teacher*) and one other activity selected from the booklet. Please continue to hand in your homework book weekly on a <u>Wednesday</u> for checking progress and marking.

The activities are organised by subject. To achieve a good balance over the term, the booklet shows the minimum number of tasks to be completed for each subject.

* <u>Maths</u>
If there is no specific maths homework set by your teacher, please practise one of the maths objectives from the back of the booklet.

- **Read daily!** Write a response to your reading:
  - Write a 'blurb' for the back cover
  - Describe a favourite character
  - Recount part of the story in your own way
  - Write five facts you have learnt from a non-fiction book
  - Write a book review
  - Read to someone and ask them to write a comment
- **Practise spellings** from the year 3/4 list (back of booklet)
- Write a **diary entry** as a child living in Mumbai.
- Write a **story**, set in India, that includes a **dilemma** for one of the characters
- Write a **newspaper report** about something that happened to you over the weekend!
- Write a **description** of a journey to India
- Write a **kennings poem** about an Indian animal
- Write **instructions** for performing a Bollywood dance!

Science: choose at least 2 tasks

- Make a **poster** explaining digestion in humans
- Create and draw a **food chain** using living things of your choice. What is the longest food chain you can create?
- Find non-toxic **liquids** in your kitchen and put them in order of **viscosity** (how runny they are). Predict beforehand and think of a way performing a fair test!

Topic: choose at least 2 tasks

- Create a **leaflet** persuading people to live in an Indian city or village (you choose!)
- Create your own 'bird's eye' view **map of India** showing some key places (cities, places of interest etc.)
- Write a list of **similarities and differences** between India and the UK.
- Design an **information poster** about India
- Write and draw a character profile about a **Hindu God.**
- Make and taste some **Indian food!** Can you create a menu and write a review about the food you made?

Art and design: choose at least 1 task

- Design your own **mehndi pattern**.
- Design your own **rangoli pattern**.

**If no specific maths homework is set, try practising one of the objectives below **

<u>Maths: Year 4 Key Objectives</u>

<u>Number and Place Value:</u>
- Count in multiples of 6, 7, 9, 25 and 1000
- Find 1000 more or less than a given number
- Count backwards through zero to include negative numbers
- Recognise the place value of each digit in a four-digit number (thousands, hundreds, tens, and ones)
- Order and compare numbers beyond 1000
- Round any number to the nearest 10, 100 or 1000
- Read Roman numerals to 100 (I to C)

<u>Addition and subtraction:</u>
- Add and subtract numbers with up to 4 digits, in a column
- Estimate to check answers
- Solve addition and subtraction problems, deciding which operation needs to be used

<u>Multiplication and division:</u>
- Times tables up to 12 x 12
- Division facts for all the times tables
- Multiply 3 numbers together
- Multiply two- and three-digit numbers by a single digit

Fractions:
- Recognise and show equivalent fractions e.g. $\frac{2}{3} \equiv \frac{4}{6} \equiv \frac{10}{15}$
- Count up and down in hundredths
- Calculate fractions of quantities e.g. $\frac{2}{5}$ of £1
- Write decimal equivalents to ¼ ½ ¾ and any number of tenths and hundredths
- Divide one- or two-digit numbers by 10 and 100
- Round decimals (one decimal place) to the nearest whole number
- Order decimal numbers (up to two decimal places)
- Solve money problems involving decimal notation for £ and p.

Measurement:
- Convert between units of measure e.g. kilometres to metres, hours to minutes
- Calculate the perimeter of shapes in centimetres and metres
- Calculate the area inside a shape by counting squares
- Read, write and convert between analogue and digital times (12 hour and 24 hour clock)
- Solve problems involving converting from hours to minutes; minutes to seconds; years to months; weeks to days.

Geometry:
- Identify angles smaller or bigger than a right angle
- Identify lines of symmetry in 2-D shapes
- Complete a figure across a line of symmetry
- Describe positions as coordinates on a grid

Statistics:
- Present and interpret data in bar charts and time graphs
- Solve problems using information presented in a variety of charts, pictograms, tables and graphs

Word list – years 3 and 4 **(for spelling practice)**

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