

YEAR 4

A Tale of Two Victorians



Autumn Term 2017

Homework Project Booklet

Introduction

This term you will have a choice of tasks, mostly linked to your topic, which are outlined in this booklet!

You may choose which tasks to do but you must continue to hand in your homework book weekly on a Wednesday 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 (for example, 5 of the literacy activities should be completed)

Maths

Maths homework must be completed weekly. The Year 4 maths objectives are listed in the back of the booklet. Some weeks your teacher will give you specific maths homework to complete. Otherwise, you must select an objective from the list in the booklet to practise, choosing your own way to present your work and challenge yourself.

English: choose at least 5 tasks

- **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 a letter to a character
 - Write a book review
 - Read to someone and ask them to write a comment
- Write a **diary entry** as a servant working at Preston Manor!
- Imagine you time travel back to Victorian Brighton. Write a **story** featuring someone you meet!
- Write a **letter** to Oliver Twist
- Write a **glossary** of Victorian terms e.g. *workhouse*
- Write a **description** of an image of Victorian Brighton
- Write a **character description** of someone in Oliver Twist
- Write an **explanation** of how a Victorian invention worked

Science: choose at least 2 tasks

- Make a **poster** about being safe around electricity at home
- Electricity: Make a list of materials around your home under the headings: **Conductors** and **Insulators**
- Make a list of things in your home which make **high or low pitch** sounds.
- Experiment with **which sounds travel furthest**. Can you explain why?

History: choose at least 1 task

- Create a **timeline** to show important discoveries in the Victorian Era
- Write a **report** about Victorian workhouses
- Create a **fact file** about the history of piers in Brighton

Geography: choose at least 1 task

- Create a leaflet about **tourism** activities in Brighton
- Create your own 'bird's eye' view **map of Brighton**, showing some key places
- Find the names and locations of **villages** that surround Brighton?
Show them on a simple map

Art / Design and Technology: choose at least 1 task

- **Design and draw** your own Victorian invention! Label its parts and briefly explain how it works and what it does
- Design your own **William Morris**-style wallpaper for your bedroom that shows a repeating pattern!

****A maths activity should be completed every week****
(Refer to the introduction in this booklet)

Maths: Year 4 Key Objectives

Number and Place Value:

- 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)

Addition and subtraction:

- 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

Multiplication and division:

- 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 $\frac{1}{4}$ $\frac{1}{2}$ $\frac{3}{4}$ 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

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	