

# Autumn Term Year 4



## Mathematics



### Objectives:

- To read and write numbers with up to five digits and understand what each digit represents.
- To extend my understanding of the number system to include tenths and hundredths.
- To practise mental methods for addition and subtraction with two and three digit numbers to aid fluency.
- To add numbers with up to four digits and numbers involving decimals, using the formal written method where appropriate.
- To recall multiplication and division facts for multiplication tables up to 12 x 12.
- To use a formal written method for multiplying two and three digit numbers by a single digit.
- To identify lines of symmetry in 2-D shapes presented in different orientations.

### Useful Resources:

[www.mathszone.co.uk](http://www.mathszone.co.uk)  
[www.teachingtables.co.uk](http://www.teachingtables.co.uk)

[www.teachingtime.co.uk](http://www.teachingtime.co.uk)  
<http://resources.woodlands-junior.kent.sch.uk/>

## English



### Objectives:

- To know and use the rules for adding suffixes to verbs, e.g. write – writing.
- To write a story involving issues and dilemmas.
- To develop a neat cursive handwriting style.
- To look for clues in a text to identify where and when a story is set.
- To locate information in a text.
- To make inferences about thoughts and feelings and reasons for actions in relation to main characters.

### Useful Resources:

[www.midlandit.co.uk/education](http://www.midlandit.co.uk/education)

<http://resources.woodlands-junior.kent.sch.uk/>

Subject	Objectives
Science 	To compare and group materials together, according to whether they are solids, liquids or gases. To observe that some materials change state when they are heated or cooled. To associate the rate of evaporation with temperature. To identify the part played by evaporation and condensation in the water cycle.
Computing 	To develop awareness of being safe when using the Internet. To begin to develop touch typing skills.
History 	To study life in Ancient Greece and study their achievements and their influence on the western world.
Geography 	To undertake a study of Europe, locating the countries in Europe the main regions, the key physical and human characteristics and the major cities.
Religious Education 	To explore religious stories and teachings about the environment. To understand what Harvest is and how it is celebrated.
Design & Technology 	To research cams and learn about the movement they produce. To use a range of hand tools. To produce a cam powered toy.
Art 	To use natural objects as inspiration for drawing and printing work.
Music 	To rehearse songs to performance level. To use percussion instruments to play simple tunes. To explore pentatonic scales.
Modern Foreign Languages 	To learn the French names for European countries and nationalities. To learn how to ask for certain objects and how to the respond correctly.
Physical Education 	Gymnastics: To develop the range of actions, body shapes and balances included in a performance. To perform skills and actions more accurately and consistently. Games: To develop the range and consistency of skills in games. To use and adapt tactics in different situations.