

# Year 5/6: Curriculum Information – Autumn Term

<p><b>Numeracy</b></p>	<p>Number and Number properties (odd, even, prime, factors, multiples, square numbers, square roots and rounding numbers)            Written methods of addition, subtraction, multiplication and division (applying these in problem solving).            Develop on mental maths skills in (addition, subtraction, multiplication and division,) doubling, halving and multiplying and dividing numbers by 10, 100 and 1000.            Fractions, Decimals and Percentages.            Problem solving using (+,-,X and /)            Geometry: Properties of shape and Position and direction.</p>	
<p><b>Literacy</b></p>	<p>Fiction genres: Story openings, short story, traditional stories, fables.            We will be studying a Victorian novel – The Wolves of Willoughby Chase by Joan Aitken which will generate some fictional writing skills.            Non-fiction: Book-reviews, blurbs, Instructional writing            Comprehension skills and doing whole class comprehension from the book – ‘Street Child’ by Berlie Doherty and spellings            Grammar: Noun, Pronoun, Adjectives, Adverbs, Verbs, direct and indirect speech and using punctuation (full stops, commas, speech marks and exclamation marks)</p>	
<p><b>Science</b></p> 	<p><b>Sound:</b>            Controlling sounds            Making and Muffling Sounds            The pitch and loudness of Sounds.</p>	<p><b>Forces:</b>            Force of gravity            Forces acting on stationary and moving objects.            Water resistance (Up-thrust)            Air resistance</p>
<p><b>Project</b></p> 	<p><b>Victorians</b>            Life during Victorian times            Industrialisation, Victorian houses, Children and education during Victorian times.</p>	
<p><b>Computing</b></p>	<p><b>The importance of E-safety.</b>  <b>Looking at MS Office Packages:</b>            MS Word, Build on touch-typing skills            Research, store and retrieve information.            Using e-mail: sending e-mails and attachments.  <b>Control algorithms:</b>            Sequencing of instructions to perform a task            To follow units from Espresso Coding based on year group</p>	
<p><b>PE</b></p> 	<p><b>INDOOR &amp; OUTDOOR GAMES</b>            Run around fast movement games  <b>Tag Rugby:</b> Introduction/reminders of basic rules. Development work and games. Cluster tournament.  <b>Dance</b></p>	
<p><b>RE</b> <b>P.S.H.E</b></p>	<p><b>PSHE:</b> Getting to know you and listening and concentrating</p>	<p><b>RE:</b>  <b>Christianity</b>            How does Jesus inspire Christians?            How do Christians bring hope at Christmas?</p>

## Supporting your child at home this term:

There are proven links between supporting your child at home with the teaching they receive at school. It would be useful if you could help them in learning

- their times tables thoroughly and some mental maths calculations on doubling, halving, multiplying and dividing numbers by 10, 100 and 1000
- Spellings of high frequency words

**Some useful websites:**

**Literacy:**

<http://www.bbc.co.uk/skillswise/topic-group/word-grammar>

<http://www.bbc.co.uk/skillswise/topic/handwriting>

<http://www.bbc.co.uk/skillswise/topic/verbs>

<http://www.bbc.co.uk/skillswise/topic/nouns>

<http://www.bbc.co.uk/skillswise/topic/adjectives>

<http://www.bbc.co.uk/skillswise/topic/pronouns>

<http://www.bbc.co.uk/skillswise/topic/planning-your-writing>

<http://www.bbc.co.uk/skillswise/topic/planning-your-writing>

**Numeracy:**

<http://www.bbc.co.uk/skillswise/topic/place-value>

<http://www.bbc.co.uk/skillswise/topic/decimals>

<http://www.bbc.co.uk/skillswise/topic/negative-numbers>

<http://www.bbc.co.uk/skillswise/topic/rounding-and-estimating>

<http://www.bbc.co.uk/skillswise/topic-group/shapes>

**Science:**

[http://www.bbc.co.uk/schools/ks2bitesize/science/physical\\_processes/forces/play.shtml](http://www.bbc.co.uk/schools/ks2bitesize/science/physical_processes/forces/play.shtml)

[http://www.bbc.co.uk/apps/iftl/schools/scienceclips/quizengine?http://www.bbc.co.uk/schools/ks2bitesize/science/physical\\_processes/friction/play.shtml](http://www.bbc.co.uk/apps/iftl/schools/scienceclips/quizengine?http://www.bbc.co.uk/schools/ks2bitesize/science/physical_processes/friction/play.shtml)

[http://www.bbc.co.uk/bitesize/ks2/science/physical\\_processes/sound/read/1/](http://www.bbc.co.uk/bitesize/ks2/science/physical_processes/sound/read/1/)