






Lumley Junior School  
Curriculum Information  
Year 4 Autumn Term


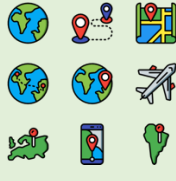




Subject	Topic	Key Knowledge and Skills
<p>English</p> 	Reading	<ul style="list-style-type: none"> <li>I can check that the text makes sense, discuss my understanding and explain the meaning of words in context.</li> <li>I can ask questions to improve my understanding of a text.</li> </ul>
	Writing	<ul style="list-style-type: none"> <li>I can write a story opening.</li> <li>I can write a setting and character.</li> <li>I can write dialogue.</li> <li>I can write a diary entry.</li> <li>I can write a set of instructions.</li> </ul>
	Grammar and Spelling	<ul style="list-style-type: none"> <li>I can use noun phrases expanded by the addition of modifying adjectives, nouns and preposition phrases.</li> <li>I can use paragraphs to organise ideas around a theme.</li> <li>I can spell words from Y4 statutory spelling list.</li> </ul>
<p>Maths</p> 	<p>Place Value Addition and Subtraction Length and Perimeter Multiplication and division</p>	<ul style="list-style-type: none"> <li>I can read, write, order and compare numbers beyond 1000</li> <li>I can round numbers to the nearest 10, 100 or 1000</li> <li>I can add and subtract numbers up to 4 digits using formal written methods</li> <li>I can measure and calculate perimeter</li> <li>I can convert between different units of measure</li> <li>I can recall multiplication and division facts for times tables up to 12x12</li> </ul>
<p>Science</p> 	<p>Animals (including Humans) What happens to the food we eat?</p>	<ul style="list-style-type: none"> <li>I can classify the major organs in the digestive system.</li> <li>I can classify different teeth.</li> <li>I can observe how an eggshell can change when left in a fizzy drink.</li> <li>I can find patterns between foods which are high in sugar and high in energy.</li> <li>I can research where animals get their energy from.</li> </ul>
	<p>Sound Why is the sound that 'One Direction' makes enjoyed by so many?</p>	<ul style="list-style-type: none"> <li>I can show that sound is the air vibrating.</li> <li>I can show how different objects make different sounds.</li> <li>I can show how to affect pitch and volume.</li> <li>I can test how distance affects sound.</li> <li>I can research the differences in animal's hearing ranges.</li> </ul>



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Computing 	Basic Skills	<ul style="list-style-type: none"> <li>I can log in and log out of a computer.</li> <li>I can open a file from my documents.</li> <li>I can save a file into my documents.</li> <li>I can search for and open unfamiliar software.</li> <li>I can use Google to research as appropriate.</li> </ul>
	E Safety Be Internet Legends	<ul style="list-style-type: none"> <li>I can build a strong password.</li> <li>I can monitor my privacy settings.</li> <li>I can identify different privacy solutions.</li> </ul>
	Computer Science Micro-Bit	<ul style="list-style-type: none"> <li>I can work with various forms of input.</li> <li>I can produce parallel codes.</li> </ul>
	Information Technology Picassa	<ul style="list-style-type: none"> <li>I understand how images can be manipulated.</li> <li>I can edit and add filters to images.</li> <li>I can collate pictures to create a video gallery.</li> </ul>
Geography 	Land use, key human and physical features, and locations What can we discover about Europe?	<ul style="list-style-type: none"> <li>I can understand the location of key countries, capitals, physical features in Europe.</li> <li>I can understand the location of climate zones and an introduction to biomes.</li> <li>I can understand key human and physical characteristics.</li> </ul>
History 	The Roman Empire and its impact on Britain Why did the Romans march though County Durham?	<ul style="list-style-type: none"> <li>I can place the Romans in chronology of UK and how they overlap with other ancient civilisations.</li> <li>I understand how the Roman Empire grew and its locations.</li> <li>I can work out features of Roman life using a range of sources.</li> </ul>
French 	Core Units	<ul style="list-style-type: none"> <li>I can greet others.</li> <li>I can introduce myself.</li> </ul>
	Playtime (La Recreation)	<ul style="list-style-type: none"> <li>I can say basic commands (imperatives).</li> <li>I can say a variety of playground games.</li> <li>I can say what and where I like to play.</li> </ul>
	My Home (Chez Moi)	<ul style="list-style-type: none"> <li>I can say where I live.</li> <li>I can identify a variety of rooms and types of furniture.</li> </ul>



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Art  	Formal Elements	<ul style="list-style-type: none"> <li>• I can create drawings to represent words and phrases.</li> <li>• I can work with clay tools.</li> <li>• I can create a range of mark making techniques.</li> <li>• I can create patterns using printing techniques.</li> <li>• I can create prints.</li> <li>• I can make stamps from geometric shapes to create prints.</li> <li>• I can create patterns using symmetry and reflection.</li> <li>• I can create geometric patterns with a compass.</li> </ul>
DT  	Food: Adapting a Recipe	<ul style="list-style-type: none"> <li>• I can evaluate a product.</li> <li>• I can follow a recipe.</li> <li>• I can cook food safely.</li> <li>• I can design a biscuit.</li> <li>• I can make packaging for my biscuit.</li> </ul>
Music  	Mama Mia	<ul style="list-style-type: none"> <li>• I can understand how to appraise and perform a pop song.</li> <li>• I can sing and play percussion parts to 'Mama Mia'.</li> <li>• I can understand how to appraise and compare two different pop songs.</li> <li>• I can play and improvise pop music.</li> <li>• I can improvise a pop song to a backing track.</li> <li>• I can perform the song 'Mama Mia', using instruments and voices.</li> <li>• I can compose pop music using rhythm and melody.</li> <li>• I can perform my pop composition using voices and other musical instruments.</li> </ul>
	Glockenspiel Stage 2	<ul style="list-style-type: none"> <li>• I can copy a rhythm back using two notes.</li> <li>• I can combine singing and instrumental parts in one performance.</li> <li>• I can read and listen to rhythms.</li> <li>• I can match rhythms with the rhythms of countries.</li> <li>• I can perform from notation using a greater range of notes.</li> <li>• I can read staff notation, playing more complex rhythms and a greater understanding of duration and pitch.</li> </ul>



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PE 	Invasion Games On the Attack	<ul style="list-style-type: none"> <li>I can use a range of techniques to pass the ball</li> <li>I can move into different positions to receive the ball</li> <li>I can move to try to intercept the ball</li> <li>I can show consistency, control and speed</li> </ul>
	Gymnastics Partner Work	<ul style="list-style-type: none"> <li>I can perform a variety of actions on floor, mat and apparatus</li> <li>I can devise a sequence on a clear theme</li> <li>I can use mirroring and matching</li> <li>I can change level and direction</li> <li>I can perform with control and accuracy</li> </ul>
PSHE 	Me and My Relationships	<ul style="list-style-type: none"> <li>I can discuss what positively and negatively affects health.</li> <li>I can deepen my understanding of good and not so good feelings.</li> <li>I can recognise that my increasing independence brings increased responsibility to keep myself and others safe.</li> <li>I can recognise and respond appropriately to a wider range of feelings in others.</li> <li>I know that my actions affect myself and others.</li> </ul>
	Keeping Myself Safe	<ul style="list-style-type: none"> <li>I can differentiate between the terms, 'risk', 'danger' and 'hazard'.</li> <li>I know how pressure to behave in unacceptable, unhealthy or risky ways can come from a variety of sources.</li> <li>I can recognise when I need help and to develop the skills to ask for help.</li> <li>I can understand that some substances can damage my immediate and future health and safety.</li> <li>I can develop strategies for keeping physically and emotionally safe including road safety.</li> <li>I can develop strategies for keeping safe online.</li> </ul>
RE 	What is the Bible and how is it important to Christians?	<ul style="list-style-type: none"> <li>I know that the Bible is the world's best-selling book.</li> <li>I know that there are different versions/translations of the Bible.</li> <li>I can look things up in the Bible.</li> <li>I know that Christians believe the Bible is about the relationship between God and humans.</li> <li>I know that the Bible tells Christians about Jesus and the beginning of Christianity.</li> <li>I can identify some of the reasons why Christians read the Bible.</li> </ul>