






Lumley Junior School
Curriculum Information
Year 5 Autumn Term







| Subject | Topic | Key Knowledge and Skills |
|--|---|---|
| <p>English</p>  | Reading | <ul style="list-style-type: none"> I can discuss and evaluate how authors use language, considering the impact on the reader. Distinguish between statements of fact and opinion. |
| | Writing | <ul style="list-style-type: none"> I can write setting and character descriptions. I can write dialogue. I can write a diary entry. I can write a letter. I can write instructions. |
| | Grammar and Spelling | <ul style="list-style-type: none"> I can indicate degrees of possibility using adverbs or modal verbs. I can write relative clauses beginning with who, which, where, when, whose, that or an omitted relative pronoun. |
| <p>Maths</p>  | <p>Place Value Addition and Subtraction Statistics Multiplication and Division Area and Perimeter</p> | <ul style="list-style-type: none"> I can read, write, order and compare numbers to 1,000,000. I can interpret negative numbers. I can add and subtract numbers with more than four digits using mental and formal written methods. I can solve problems in line graphs and timetables. I can identify multiples, factors, prime, square and cubed numbers. I can find area and perimeter of composite rectilinear shapes. |
| <p>Science</p>  | <p>Animals (including Humans) How different will you be when you are as old as your grandparents?</p> | <ul style="list-style-type: none"> I can show how humans and animals change and grow over time. I can identify patterns between a mammal's size and its gestation period. I can record how the length and mass of a baby changes as it grows. |
| | <p>Earth and Space Will we ever send another human to the moon?</p> | <ul style="list-style-type: none"> I can research the relative distances of the Earth, the Sun and the Moon. I can explain how we know the Earth is roughly spherical. I can describe the different phases of the moon. I can demonstrate how the Sun appears to move across the sky. I can find patterns between the size of a planet and the time it takes to travel around the Sun. |



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| Computing  | Basic Skills | <ul style="list-style-type: none"> I can log in and log out of a computer. I can open a file from my documents. I can save a file into my documents. I can search for and open unfamiliar software. I can use 'Google Docs' I can use Google to research as appropriate. |
| | E Safety Be Internet Legends | <ul style="list-style-type: none"> I can protect my online reputation. I can identify and stay away from phishing and scams. |
| | Computer Science Micro-Bit | <ul style="list-style-type: none"> I can use variables efficiently. I can use different outputs. |
| | Information Technology Picassa | <ul style="list-style-type: none"> I can use my own measurements to create a doorstop. I can design a 3D model with the purpose of 3D printing in mind. |
| Geography  | Weather, water, tectonics, biomes and climate zones. What shapes my world? | <ul style="list-style-type: none"> I can understand locations and places showing evidence of physical and human processes in shaping the landscape. I can understand that physical processes have shaped and continue to alter the landscape and affect the lives of people who live in different places (weather, ice, coastal processes, human activity). |
| History  | The Viking and Anglo-Saxon struggle for the Kingdom of England to the time of Edward the Confessor Were the Vikings really vicious? | <ul style="list-style-type: none"> I can develop an awareness of the key features of the past. I can use dates and key terms as appropriate with increasing accuracy. I can ask questions about primary sources, make inference. |
| French  | Core Units | <ul style="list-style-type: none"> I can greet others. I can introduce myself. |
| | On Holiday (En Vacances) | <ul style="list-style-type: none"> I can talk about countries. I can talk about possible holiday accommodation. I can use the perfect past tense. |
| | Eating Out (Sortir Diner) | <ul style="list-style-type: none"> I can ask for items in a shop or restaurant. I can ask how much things cost. |



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| <p>Art</p>  | <p>Formal Elements: Architecture</p> | <ul style="list-style-type: none"> • I can draw by interpreting forms from direct observation. • I can create a monoprint from observation. • I can compose a print from a larger observational drawing. • I can transform buildings in a style inspired by the artist Hundertwasser. • I can design a building in an architectural style. • I can design a monument to symbolise a building in an architectural style. |
| <p>DT</p>  | <p>Food: What Could Be Healthier?</p> | <ul style="list-style-type: none"> • I can explain where food comes from. • I can explain the term healthy. • I can adapt a traditional recipe. • I can make a complete product. |
| | <p>Mechanisms: Pop-Up Books</p> | <ul style="list-style-type: none"> • I can design a pop-up book. • I can follow my design brief to make a pop-up book. • I can use layers and spacers to cover the working of mechanisms. • I can create a high-quality product suitable for a target user. |
| <p>Music</p>  | <p>Livin' On A Prayer</p> | <ul style="list-style-type: none"> • I can perform a rock song. • I can sing and play percussion parts to 'Livin' On A Prayer'. • I can play and improvise rock music. • I can compose rock music using rhythm and melody. • I can perform the song 'Livin' On A Prayer', using instruments and voices. • I can perform my own rock composition using voices and other musical instruments. |
| | <p>Classroom Jazz I</p> | <ul style="list-style-type: none"> • I understand how to perform a song. • I know how to sing and play percussion parts to 'Three Note Bossa Nova'. • I can play and improvise music. • I can compose and improvise music using rhythm and melody. • I understand how to appraise a piece of music. • I can perform a piece of music in the style of a 5 note Bossa Nova using instruments and voices. |



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| PE  | Invasion Games Fives & Threes | <ul style="list-style-type: none"> I can consistently catch a ball I can select appropriate passes to hit the intended target I can find a space to receive a pass |
| | Gymnastics Acrobatic Gymnastics | <ul style="list-style-type: none"> I can perform a range of acrobatic balances I can work with a partner and use apparatus I can perform a range of gymnastic actions safely |
| PSHE  | Me and My Relationships | <ul style="list-style-type: none"> I can recognise conflicting emotions. I can recognise when I need help and to develop the skills to ask for help. I realise the consequences of anti-social, aggressive and harmful behaviours such as bullying and discrimination of individuals and communities and can develop strategies for getting support for myself or for others at risk. I can recognise what constitutes a positive, healthy relationship and develop the skills to form and maintain positive and healthy relationships. |
| | Keeping Myself Safe | <ul style="list-style-type: none"> I can differentiate between the terms, 'risk', 'danger' and 'hazard'. I can recognise, predict and assess risks in different situations and decide how to manage them responsibly. I can understand that pressure to behave in an unacceptable, unhealthy or risky way can come from a variety of sources. I know what is meant by the term 'habit' and why habits can be hard to change. I can develop strategies for keeping safe. |
| RE  | Why is Moses important to Jewish people? | <ul style="list-style-type: none"> I know the significance of Moses in Judaism I know that Moses was chosen by God. I can explain the importance of the Torah. I can discuss the Ten Commandments and how Jewish people today follow these laws. |
| | Why do Jewish people go to the Synagogue? | <ul style="list-style-type: none"> I can explain where Judaism was founded and who founded it. I know that Jerusalem is a very special holy place. I can explain what Passover celebrates. I can show how a Jewish family prepares for Shabbat. |