The LIME curriculum: Computing

How Computing develops the key themes of the LIME curriculum.	
Language rich	Within Computing at Limehurst, we provide pupils with opportunities to learn and use new industry specific vocabulary. Computing vocabulary runs progressively through our 7-year curriculum. Pupils are introduced to programming language from KS1 through the introduction of algorithms and this is built on from one year to the next.
Inclusive	At Limehurst we aim to deliver a high quality computing education to equip all our pupils irrespective of their skills, background and additional needs to use computational thinking and creativity.
Motivational	The Computing curriculum provides pupils opportunities to become digitally literate. Learners are able to express themselves and develop their own ideas through information and communication technology.
Engaging	Pupils at Limehurst select, use and combine a variety of interactive software on a range of digital devices including Bee Bots, ipads, laptops and remote control cars. Every year, as a school, we celebrate and promote the annual Safer Internet Day with our pupils and parents.
How Computing ensures our pupils achieve the key outcomes of the LIME curriculum.	
Leaders	A number of children from each year group are selected and trained to become digital leaders. Digital leaders are pupil monitors for the technology that is used in the school. They are individuals who are skilled in using technology and able to share their skills with others, modelling good practice to their peers.
Independent	All of our pupils are given opportunities to use the computing skills taught in Computing lessons to support their learning in other areas of the curriculum. Examples of cross curricular learning in KS2 includes applying their understanding of networks when researching History, Geography topics and deciding on the reliability of content.
Motivated for future learning	Computing at Limehurst ensures that pupils leave our school confidently equipped with information and communication technology at a level suitable for the future workplace and as active participants in a digital world.
Empathetic	As part of a spiral curriculum, through our Computing Systems and Networks unit of work, pupils learn the importance of using technology responsibly and respectfully. In addition, to recognising unacceptable behaviour and identifying where to go for help and support if they have concerns about content or contact.