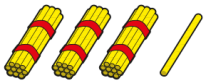
NEWTON PRIMARY SCHOOL
CURRICULUM MAP AUTUMN 2 2024
OAK CLASS

SUBJECT	CONTENT SUMMARY		
ENGLISH	**Instruction writing** Children will identify the features of instruction writing; use imperative verbs in their writing; use bullet points and numbering to order steps for instructions. **Persuasive writing** Children will identify the features of persuasive writing; write effective sentences for a persuasive letter; use adjectives, verbs, subordinate conjunctions, adverbials and expanded noun phrases.		
MATHS 	YEAR 4 **Addition and subtraction:** Subtract up to two 4-digit numbers – no exchange. Subtract up to two 4-digit numbers (across a 10). Subtract up to two 4-digit numbers (across a 100). Subtract up to two 4-digit numbers (across a 1,000). Subtract numbers with a different number of digits. Complements to 100 and 1,000. Estimate answers. Inverse operations. Efficient methods **Multiplication and division (A):** Arrays. Sharing and grouping. The 2, 5 and 10 times-tables. The 4 times-table. The 8 times-table. The 2, 4 and 8 times-tables. The 3 times-table. The 6 times-table. The 9 times-table. The 3, 6 and 9 times-tables. The 7 times-table. The 11 times-table. The 12 times-table. Multiply by	YEAR 5 **Multiplication and division (A):** Rules of divisibility. Prime numbers. Square and cube numbers. Multiply by 10, 100 and 1,000. Divide by 10,100 and 1,000. **Fractions (A):** Recognise equivalent fractions. Equivalent fractions and simplifying. Equivalent fractions on a number line. Convert improper fractions to mixed numbers. Convert mixed numbers to improper fractions. Compare fractions (denominator). Compare fractions (numerator). Order fractions. Add and subtract fractions with the same denominator. Add fractions where one denominator is a multiple of the other. Add any two fractions. Add mixed numbers. Subtract fractions where one denominator is a multiple of the other. Subtract any two	YEAR 6 **Multiplication and division (A):** Rules of divisibility. Prime numbers. Square and cube numbers. Multiply by 10, 100 and 1,000. Divide by 10,100 and 1,000. **Fractions (A):** Recognise equivalent fractions. Equivalent fractions and simplifying. Equivalent fractions on a number line. Convert improper fractions to mixed numbers. Convert mixed numbers to improper fractions. Compare fractions (denominator). Compare fractions (numerator). Order fractions. Add and subtract fractions with the same denominator. Add fractions where one denominator is a multiple of the other. Add any two fractions. Add mixed numbers. Subtract fractions where one denominator is a multiple of the other. Subtract any two fractions. Subtract from

	1 and 0. Divide a number by 1 and itself.	fractions. Subtract from a mixed number. Subtract from a mixed number – breaking the whole. Subtract two mixed numbers. Multi-step problems	a mixed number. Subtract from a mixed number – breaking the whole. Subtract two mixed numbers. Multi-step problems
ART AND DESIGN	**Taotie art:** This project teaches children about the significance and art of the Taotie motif, including ancient and contemporary casting methods.		
COMPUTING	**Coding:** Design, Code, Test and Debug : To review coding vocabulary and knowledge. To create a simple computer program. IF Statements: To begin to understand selection in computer programming. To understand how an IF statement works. Co-ordinates: To understand how to use coordinates in computer programming. To understand how an IF statement works. Repeat Until and IF/ELSE Statements: To understand the Repeat until command. To begin to understand selection in computer programming. To understand how an IF/ELSE statement works. Number Variables : To understand what a variable is in programming. To use a number variables. Making a Playable Game: To review vocabulary and concepts learnt in previous coding. To create a playable game.		
DESIGN TECHNOLOGY	None this term		
FRENCH	**On the Move:** In this unit, children will learn to develop their conversational skills via some new topics: transport, direction and movement. They will learn to conjugate the high frequency verb 'to go' and use it in context.		
GEOGRAPHY	**Investigating our world:** This essential skills and knowledge project teaches children about locating map features using a range of methods. They learn about the Prime Meridian, Greenwich Mean Time (GMT), and worldwide time zones and study interconnected climate zones, vegetation belts and biomes. Children learn about human geography and capital cities worldwide before looking at the UK motorway network and settlements. They carry out an enquiry to identify local settlement types.		
HISTORY	**Dynamic Dynasties (whole term project):** This project teaches children about the history of ancient China, focusing primarily on the Shang Dynasty, and explores the lasting legacy of the first five Chinese dynasties, some of which can still be seen in the world today.		
MUSIC	**We've Got Rhythm**		

	Developing an understanding of the inter-related dimensions and musical vocabulary; improvising musical patterns; exploring jazz; composing and notating music inspired by lyrics and poetry.
PSHE	**Working Together:** This unit helps children to begin to develop lifelong skills in communication and working with others. It also helps them to identify and value their own strengths, gifts and talents and to understand how these, along with others' skills and strengths can contribute to the success of a group task. Children will begin to think about how the skills they are developing now might be used later in life, for example, in the workplace. They will consider their hopes for the future and think about what steps they need to take now to begin to build towards these.
PHYSICAL EDUCATION	**Tennis** 1.Striking 2.Returning 3.Serving 4.Rally 5.Matches
RELIGIOUS EDUCATION	**The True Meaning of Christmas:** This Christianity unit will teach children about the true meaning of Christmas for Christians. The children will work creatively to enhance their learning experience. They will start by questioning the meaning of Christmas to them and then learn about the Christian meaning of Christmas. The children will question if the true meaning of Christmas is still present today and question if the meaning has changed for some.
SCIENCE 	**Earth and Space:** This project teaches children about our Solar System and its spherical celestial bodies. They describe the movements of the Earth and the other planets relative to the Sun, the Moon relative to Earth, and the Earth's rotation to explain day and night.