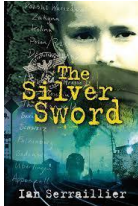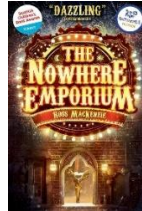| Autumn 2: Year 6	Theme: Invention and Innovation		
Core texts	**Writing**	**Shared Reading**	**Author in the Spotlight**
	The Silver sword by Ian Seraillier	Mohinder's War by Bali Rai	Nowhere Emporium by Ross MacKenzie
	Learning topic (Big Question)	**Key questions**	**Key Vocabulary**
English	**Understanding the purpose of a piece of writing and who the audience is** What strategies can we use to engage a reader in our writing?	How can I persuade the reader to behave and believe in a certain way? How can I use guilt to make the reader change their behaviour? What punctuation is needed for dialogue? How can I convey character through dialogue? What language is effective when building suspense in a story?	Inverted commas, suspense, character, reunite, questioned, answered, replied, persuade, resistance, soldier, community, ruins, destruction, evacuation
Maths	**Fractions and Measurement**	How can I use common factors and multiples to understand fractions? How do I add and subtract fractions? What strategies can I use to find fractions of amounts? Is the fraction in its simplest form? How can I convert between millimetres, centimetres and metres?	Denominator, numerator, equivalent, simplify, mixed numbers, improper, millimetres, centimetres, metres, grams, kilograms, litres, millilitres
Science	**Electricity** How could electricity transform developing areas of the world?	Which components do you need to form a simple circuit? How can buzzers and motors be used in a circuit? How can you increase the voltage? How does increasing the voltage change the brightness of the bulb? Which symbols represent the components in a diagram?	Battery, buzzer, cell, conductor, filament, motor, switch, voltage, circuit, components, diagram, investigation
DT	**Structures and mechanisms** How do I design and make a moving toy?	What is a design brief? What is an automata? What made mechanical toys popular during the Victorian times? What tools will I need for different materials? What safety measures do I need to take to ensure myself and others around me are safe using new tools?	Equipment, tools, design, structure, safety, movement, turn, slide, activate, product, mechanism
PSHE	**Health and wellbeing** What can I do to ensure I am healthy, mentally and physically?	How do I relax effectively? What strategies do I need to be resilient? How do I become more responsible of my own health as I get older? How can technology affect my health? What good and bad habits do I have which affect my health?	Internet/online safety, mental wellbeing, healthy friendships, mindfulness, resilience, habits, wellbeing, support
PE	**Invasion games** What skills do I need to develop to be a good netball player?	What positions are there to play in netball and what skills are needed for each? What are the rules of netball and the specific rules for different positions? What passes are used? How can I develop my footwork? How can I improve my shooting skills?	Pass, attack, defence, footwork, shoulder pass, chest pass, bounce pass, court, net, shoot, aim, foul
Computing	**Graphing** How can I create graphs and charts using data?	This unit explores the benefits of creating common graph types, digitally. Children will create a range of familiar graph types using the 2Graph and 2Calculate tools.	Graph, Chart, Data, Dataset, Table, Bar Chart, Line Graph, Pie Chart, Pictogram,
Spanish	**Early Language Teaching** Ice creams, 'I am learning Spanish', Shapes, Ancient Britons, Seasons	Can you greet someone and say your name in Spanish? Can you say what flavour of ice cream you like in Spanish? Can you name some shapes in Spanish, like circle or triangle? Can you describe the weather in each season?	hola, adiós, gracias, me llamo…, el helado, hablar, el círculo, el triángulo, el cuadrado

PE Days: Friday

Please remember to read with your child every day! Please encourage your child to read fiction of different genres, non-fiction books and poetry.

BSL: Our BSL lessons will take place every Wednesday.

Roding School Values
 Ambition, curiosity, compassion, respect, resilience, independence