



Central Primary Curriculum Overview – Year 5 – Autumn Term (2)

Subject Area	Content
English	<p>Reading: This half term our focus author is Alan Gibbons. We will be reading texts by this children's author in story time, alongside providing a range of his books for the children to read during the school day. During guided reading sessions, the children will be studying a range of both fiction and non-fiction texts, where they will be deconstructing and analysing both the content and the techniques used by the author.</p> <p>Speaking and Listening: Drama and role-play underpin many aspects of the curriculum and opportunities will be given to develop speaking and listening skills through presentations, group work, discussion and questioning and role play.</p> <p>Writing: We will be looking at writing for a specific purpose and audience, selecting and adapting our vocabulary and other techniques. Our main focus will be on discursive and explanation texts; however the children will have opportunities to explore a range of texts through both guided reading and topic work. We will be continuing to edit and revise our work to identify how we can continuously make improvements to our written work.</p>
Maths	<p>We will be looking at the following conceptual areas in maths:</p> <ul style="list-style-type: none"> • Formal short multiplication strategies: using short column method for problem solving with numbers up to 6 digits by one digit, including decimals • Formal long multiplication strategies: using long column method for problem solving with numbers up to 4 digits. • Short division Strategies: using written strategies for larger numbers, including decimals, to solve problems in division. <p>Alongside this, the children will be engaging in a variety of number and practical problems that involve all of the above areas of maths. Mental maths will include mental multiplication and division strategies and learning multiplication and division facts up to 12x12.</p>
Science	<p>Scientific Investigations Skills: We will begin to understand that what we observe by sight may not always be truth and we will gather evidence with the use of secondary sources to prove scientific phenomena.</p> <p>Science Content:</p> <p>Space - We will be developing our knowledge and understanding of Space and the planets.</p> <p>Forces - We will study the theoretical concepts behind the natural forces in our environments, including, air resistance, water resistance, up-thrust, friction and gravity.</p>
ICT	<p>We will develop skills for using the internet to research this term. There will be many opportunities to refine search skills, navigate web pages, select information and present it in a suitable manner.</p> <p>During our computing lessons we will focus 3D modelling with the use of the sketch make up programme. We will use 2D shape drawings to model 3D shapes. Skills in detailing and manipulation will allow children to create complex 3D models, such as room design.</p>
Topic - Japan	<p>Geography: We will be focussing on Japan this half term, considering both the region and counties within Japan, alongside the varying physical features. We will be considering these with a view of natural disasters, considering the different types and how the location of the country and its physical features impact on the likelihood of natural disasters.</p>

	<p>History: We will be studying how Japan has evolved through time, including its impact on the technology and trade industry today.</p> <p>Art: In Art we are exploring anime – a Japanese animation style. We will look at a range of anime faces and explore how this portrays a range of facial expression in anime cartoon characters. As part of our work we will explore different shapes for faces in anime and how they can be constructed for a particular emotion. These skills will be built up in successive lessons to generate a final piece.</p>
French	This half term we will be exploring a topic about <<les planètes>>. Through this work pupils will explore language links with English (including days of the week) and the terms used to describe Space in French. The literacy focus of the unit will develop the pupils use of adjectives of size and colour, the word order of adjectives and nouns in French and how we can use comparative devices like similes in our writing.
Music	Our Music lessons will involve singing sessions to progress the use of our voices. There will also be an additional opportunity to develop the use of instruments on alongside our weekly singing lessons.
PE	Our PE lessons are on Wednesday, where we will be developing our hockey skills. We will be doing Dance on Thursday with Mrs Bulaitis. The children will also be swimming on Fridays.
PSHCE	We will discuss the themes 'getting on and falling out' and 'saying no to bullying'. PSHCE involves discussion, circle time, role-play and drama with some opportunity for written responses.
RE	The children will be learning about Judaism and the importance of key artefacts in their religion as well as important place, stories and leaders, this will be compared with others religions and linked to the ways of everyday life. We will also be starting our journey with Jewish Hertsmere school to enrich our knowledge of Judaism.
Educational Visits	This term we will perform our production of Macbeth as part of the Shakespeare's Schools festival program. We are also going to make a trip to Wagamama to explore some Japanese foods and learn more about what types of foods the Japanese eat. The children will be going to the Natural history museum to discover more about earthquakes, tsunamis and volcanoes. As well as all these visits, we are going to be hosting our first link day with Jewish Hertsmere school at Central Primary school.
Things to bring	<p>Children must bring their reading book and reading record to school every day. They may also bring a water bottle to keep in class. We will expect children to bring their home spelling books in to school once a week (Friday); PE kits twice a week as well as a swimming kit, once a week. Children do not need to bring pencil cases, as pencils, rubbers and rulers are provided in class.</p> <p>Wednesday – Full outdoor and indoor PE kit including trainers Thursday – Dance kit Fridays – Swimming kit</p>
Dates to remember	<p>Shakespeare performance day - Friday 11th November 2016 Hertsmere Jewish Primary School visits Central – Tuesday 6th December 2016 Natural history museum trip – Tuesday 20th December 2016 Wagamama trip – To be confirmed</p>