

Hackney New Primary School



Year 5 Curriculum Information Sheet Autumn Term 2



Dear Parents/Carers,

Please find below information on what your children will be learning about in Autumn 2 term. We hope that you will find this useful in starting conversations about school with your children and supporting them in their learning.

Best wishes,

Ms O'Reilly, Ms Caplan and Ms Newton

Autumn 2 Curriculum Coverage

<p>English</p> <p>This half term, our core text is 'Varmints' by Helen Ward and Marc Craste. Children will learn about public health campaigns and create their own in order to explore the definition of the word 'varmint'. Children spend time understanding how mood is created by words, illustrations and sounds, and will create free verse poems and practice performance skills. After this, we will be learning how to write a diary entry from the perspective of a character in our book. Following on from this, we will be researching and writing arguments for a class debate around the statement <i>The varmints should stop thinking and accept the changes as a sign of positive progress</i>. After we have written our arguments we will undertake this debate as a class. We will finish the half term planning and writing a formal email to an MP. We will learn the conventions of writing formally and practice writing using formal language.</p>	<p>Maths</p> <p>This term we are continuing with data and reading tables, timetables and line graphs. We will then move on to multiplication and division including prime, square and cubed numbers. We will end the half term learning about area and perimeter including the area of compound and irregular shapes.</p> <p>We will also be learning our 7, 9, 11 and 12 times tables and reviewing all multiplication and division facts for each time table. Please ensure your child practises Times Tables Rockstars regularly as it really does help your child practice the speed at which they can answer multiplication and division facts in a fun way!</p>
<p>Music</p> <p>In this half term we will be exploring the Baroque period, sequences, minor scales and key signatures. In our strings lessons, children will be playing from notation and practicing separate and slurred scales and arpeggios.</p> <p>Preparations for Christmas performances.</p>	<p>Science</p> <p>This half term our topic is Earth and Space. We will be exploring our solar system and the rotation of the planets within it.</p> <p>Children will learn:</p> <ul style="list-style-type: none">● That the sun is a star at the centre of our solar system. They will be able to visit the 8 planets.● The planets travel around the Sun in fixed orbits. Earth takes 365 $\frac{1}{4}$ days to complete its orbit around the Sun.● The Earth rotates on its axis every 24 hours. As Earth rotates, half of it faces the Sun and half is facing away (day and night). As the Earth rotates, the Sun appears to move across the sky.● The Moon orbits the Earth and takes about 28 days to complete its orbit.● The Sun, Earth and Moon are approximately spherical.● Geocentric model; any theory of the structure of the solar system or the universe in which the Earth is assumed to be at the centre of it all.● Heliocentric model; any theory of the structure of the solar system of the universe in which the Sun is assumed to be at the centre of it all.

<p>PSHE</p> <p>This half- term we will be learning about our different cultures and how culture differences can sometimes cause conflicts. We will learn about what racism is and how we can fight racism in our society. We will also spend some time learning about different types of bullying, including name calling, rumours and indirect types of bullying</p>	<p>Geography</p> <p>This half-term in Geography our topic is Mountains, Volcanoes and Earthquakes. The children will learn:</p> <ul style="list-style-type: none"> ● The Earth is made up of 3 different layers; the core at the centre; the mantle; the crust. ● That the crust is made up of different pieces called plates, which can create a plate boundary or a fault line. ● The features of an OS map including brown lines for contour lines, grid references, and keys to explain different symbols. ● Mountains are areas of land that are much higher than the land surrounding them. They are often found together in a group called a mountain range. ● The highest mountain ranges are created by tectonic plates. ● Other mountains are created by ancient volcanoes. ● The principal mountain ranges are: Himalayas; Alps; Rocky Mountains; Andes. ● A volcano is an opening in the Earth's crust that allows magma, hot ash and gases to escape. ● There are thousands of earthquakes across the world each day.
<p>Art/Design Technology</p> <p>This half term, we will be designing and building a series of mini-projects. We will be concentrating on different materials and how they can be used. Children will create:</p> <ul style="list-style-type: none"> ● A 3D poppy for Remembrance day. ● A 3D model of the solar system. ● A Christmas decoration. 	<p>Religious Education</p> <p>This half term we are answering the question How is Christmas celebrated around the world? We will begin by understanding how we celebrate Christmas in this country, drawing on the many cultures in our class before learning about how Christmas is celebrated in many countries around the world, from the Netherlands to Japan!</p>
<p>Spanish</p> <p>This half term we are continuing practising our conversation skills and reviewing numbers to all the way to 100. We will learn how to ask and answer when our birthday is. We are also going to learn how Christmas and New Year are celebrated in Spanish speaking countries and learn a few Christmas songs in Spanish!</p>	<p>Computing</p> <p>This half-term we are focusing on coding. The children will learn:</p> <ul style="list-style-type: none"> ● Know how to solve problems by decomposing a larger problem into smaller parts ● Write an algorithm in sequence using a repeat/loop, selection and variables ● Know that a programme executes by following a precise set of instructions ● Write algorithms that achieve specific goals ● Write an algorithm in sequence using a

	<p>repeat/loop</p> <ul style="list-style-type: none">● Know that computers can be connected to create a network● Know what input and output means● Know what devices can be used for input and output
<p>Physical Education These lessons will be held on Thursdays. Remember to send your children in wearing their PE kits. This half term Year 2 will be focusing on ball skills. They will be kicking at targets, travelling with a ball (using hands and feet), throwing a ball, changing speed and direction and turning with a ball.</p>	<p>What happens if your child cannot be at school because they are self-isolating.</p> <p>If your child has to stay at home, they can access all their lessons on Google Drive. Lessons will be uploaded each day and can be accessed via your child's Google Account. Please do ask if you do not have your child's log in details.</p>