

Nitzanim - Year 4 -Yearlong Curriculum Plans 2017-2018

Theme: Our World – Peoplehood, Community, Global Responsibility

	Autumn 1	Autumn 2	Spring 1	Spring 2	Summer 1	Summer 2
Topic	<p>Communication Festivals</p> <p>Trip to Jewish Museum to see exhibition, “Sukkot: Seeking Shelter”</p> <p>Visit from conducting student (Music) - TBC</p>	<p>Africa</p> <p>Trip to exhibition - TBC</p> <p>Visit from Tzedek about twinning programme with school in Ghana</p>	<p>Travel and Stories</p> <p>Trip to visit local church</p> <p>Theatre trip to Stomp – link with Music and Science</p> <p>Visit from landscape architect - TBC</p> <p>Visit local gardens (contact RSG) - TBC</p>	<p>Ancient Egypt</p> <p>Trip to British Museum with Nic Aberly to look at Ancient Egypt (link to Pesach)</p> <p>Class Assembly on Ancient Egypt</p>	<p>Water</p> <p>Trip to Thames Water filtration plant</p> <p>Visit from WaterAid (TBC)</p>	<p>Good to be Green</p> <p>Trip for water sport activity (TBC)</p> <p>Visit from Veolia – recycling workshop (TBC)</p>
Science	<p>Sound – link to Communication</p> <p>Cookery – Preparing food to host guests from other communities for Sukkot.</p>	<p>Electricity – link to light and religious festivals</p>	<p>Living things and their habitats – comparison of European / other habitats</p>	<p>Animals, including humans (Egyptian mummies)</p> <p>Gardening: plant vegetables/fruit.</p> <p>Cookery – preparing food for Purim</p>	<p>States of Matter – link to water and water cycle</p> <p>Gardening – growing own fruit/veg and watering</p>	<p>Science investigations using skills and knowledge from year</p> <p>Gardening / cooking</p>

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<p>English</p>	<p>Non-fiction – communication texts</p> <p>Poetry - vocab building, composition, performance</p> <p>Grammar - basic punctuation, pronouns and possessive pronouns</p> <p>Spellings Filling in gaps in Y3 curriculum, HFWs, National Curriculum spelling list (consolidate) Weekly spelling homework Weekly dictations</p> <p>Book – An autobiography</p>	<p>Poetry - Kennings</p> <p>Narrative - writing from another’s perspective, writing continuation of a story using dialogue/ action/description structure</p> <p>Grammar – Fronted adverbials Inverted commas for direct speech</p> <p>Spellings Filling in gaps in Y3 curriculum, HFWs, National Curriculum spelling list (consolidate) Weekly spelling homework Weekly dictations</p> <p>Journey to Jo’burg</p>	<p>Poetry - poems about places, limericks</p> <p>Narrative – writing own short stories set in Caribbean</p> <p>Grammar - Expanded noun phrases</p> <p>Spellings Prefixes / suffixes Weekly spelling homework Weekly dictations</p> <p>Gregory Cool</p> <p>The Silence Seeker</p>	<p>Non-fiction – writing own recipes for a feast, instructions for building a pyramid</p> <p>Narrative - performing a Purim Spiel; writing from perspective of a slave (based on Avadim haienu)</p> <p>Creating haggadot</p> <p>Grammar – Possessive apostrophes (sg, pl)</p> <p>Spellings Weekly spelling homework based on individual needs and national curriculum Weekly dictations</p> <p>Megillah Esther Avadim haienu (texts about slaves from Haggadah)</p>	<p>Non-fiction – booklet about water conservation</p> <p>Poetry - composing onomatopoeic poetry with water theme</p> <p>Narrative – descriptive writing; composing short story set on the water</p> <p>Grammar – determiners, apostrophes</p> <p>Spellings Weekly spelling homework based on individual needs and national curriculum Weekly dictations</p> <p>There’s a boy in the girls’ bathroom Wind in the Willows (excerpts)</p>	<p>Non-fiction –poster to encourage recycling at school</p> <p>Poetry - haiku reading and performing</p> <p>Narrative – letter from a character in core text</p> <p>Grammar – letter writing format Adjectives/adverbial phrases</p> <p>Spellings Weekly spelling homework based on individual needs and national curriculum Weekly dictations</p> <p>There’s a boy ... (continued from last half term)</p>
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Maths	Reasoning with 4 digit numbers	Multiplication and division	Fractions	Decimals	Coordinates, shape and symmetry	Calculating with whole numbers and decimals
	<ul style="list-style-type: none"> • find 1000 more or less than a given number • recognise the place value of each digit in a four-digit number (thousands, hundreds, tens, and ones) • order and compare no.s beyond 1000 • count backwards through zero to include negative numbers • solve number and practical problems that involve all of the above and with increasingly large positive numbers • identify, represent and estimate numbers using different representations • round any number to nearest 10, 100,1000 • read Roman numerals to 100 (I to C) and know that over time, the numeral system changed to include the concept of zero and place value • count in multiples of 6, 7, 9, 25 and 1000 	<ul style="list-style-type: none"> • recall multiplication and division facts for multiplication tables up to 12×12 • solve problems involving multiplying and adding, including using the distributive law to multiply two digit numbers by one digit, integer scaling problems and harder correspondence problems such as n objects are connected to m objects • recognise and use factor pairs and commutativity in mental calculations • use place value, known and derived facts to multiply and divide mentally, including: multiplying by 0 and 1; dividing by 1; multiplying together three numbers • multiply two-digit and three-digit numbers by a one-digit number using formal written layout 	<ul style="list-style-type: none"> • add and subtract fractions with the same denominator • recognise and show, using diagrams, families of common equivalent fractions • count up and down in hundredths; recognise that hundredths arise when dividing an object by one hundred and dividing tenths by ten • solve problems involving increasingly harder fractions to calculate quantities, and fractions to divide quantities, including non-unit fractions where the answer is a whole number <p>Discrete and continuous data</p> <ul style="list-style-type: none"> • solve comparison, sum and difference problems using information presented in bar charts, pictograms, tables and other graphs • interpret and present discrete and continuous data using appropriate graphical methods, including bar charts and time graphs 	<ul style="list-style-type: none"> • find the effect of dividing a one- or two-digit number by 10 and 100, identifying the value of the digits in the answer as ones, tenths and hundredths • recognise and write decimal equivalents of any number of tenths or hundredths • recognise and write decimal equivalents 14, 12, 34 • round decimals with one decimal place to the nearest whole number • compare numbers with the same number of decimal places up to two decimal places <p>Solving problems with addition and subtraction of decimals</p> <ul style="list-style-type: none"> • solve simple measure and money problems involving fractions and decimals to two decimal places • estimate, compare and calculate different measures, including money in pounds and pence 	<ul style="list-style-type: none"> • describe positions on a 2D grid as coordinates in the first quadrant • describe movements between positions as translations of a given unit to the left/right and up/down • plot specified points and draw sides to complete a given polygon • compare and classify geometric shapes, including quadrilaterals and triangles, based on their properties and sizes • identify acute and obtuse angles and compare and order angles up to two right angles by size • identify lines of symmetry in 2D shapes presented in different orientations • complete a simple symmetric figure with respect to a specific line of symmetry 	<ul style="list-style-type: none"> • consolidation and application opportunities

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Maths (cont)	Problem solving with integer (whole number) addition and subtraction <ul style="list-style-type: none">• add and subtract numbers with up to 4 digits using the formal written methods of columnar addition and subtraction where appropriate• estimate and use inverse operations to check answers to a calculation• solve addition and subtraction two-step problems in contexts, deciding which operations and methods to use and why	Time <ul style="list-style-type: none">• convert between different units of measure [for example, hour to minute]• problems involving converting from hours to minutes; minutes to seconds; years to months; weeks to days• write and convert time between analogue and digital 12- and 24-hour clocks Area and perimeter <ul style="list-style-type: none">• measure and calculate the perimeter of a rectilinear figure (including squares) in centimetres and metres• convert between different units of measure [for example, kilometre to metre]• find the area of rectilinear shapes by counting squares				
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Computing	E-safety We are co-authors (producing a wiki) Rising Stars Unit 4.5	E-safety We are musicians (producing digital music) Rising Stars Unit 4.3	E-safety We are coders (editing and writing HTML) Rising Stars Unit 4.4	E-safety We are toy designers (prototyping an interactive toy) Rising Stars Unit 4.2	E-safety We are software developers (developing a simple educational game) Rising Stars Unit 4.1	E-safety We are meteorologists (presenting the weather) Rising Stars Unit 4.6
Art	Designing a shelter (link to Sukkot) and hosting others in pavilion (see Jewish Studies).	Designing and building an electric wire buzzer game and candle holder.	Designing a story garden / playground corner (contact Chelsea Flower Show)	Re-writing the story of Pesach using emojis	Designing own water filtration systems	TBC – following up on earlier projects this year that children want to work more on
Jewish Education	The Jewish Year Rosh Chodesh / Hebrew calendar – comparison with civilian calendar Festivals: Rosh Hashanah Yom Kippur Sukkot Shemini Atzeret -rituals and traditions -what do people in our class do? -symbols and importance	Hanukah – origins of narrative and traditions (including dreidel) Maoz Tzur – verse 1 International oily foods (make Mama Panya’s pancakes) Siddurim from around the world Concept of Tzedek (justice) / link to 10 commandments and international law	Shabbat How celebrated around the world (including foods) International Shabbat table. 39 rules of Shabbat. Tu Bishvat class seder Explore how different Jewish communities around the world keep different customs	Pesach and Purim Making own Haggadah Writing own tefillot with global emphasis Looking at Megillah Esther and re-writing the story using emojis	Global Jewish Communities Explore different communities around the world, including in Prague (link to our sefer Torah) Counting the Omer	Shavuot Idea of nationhood – linking to British Values Tikun Olam – linking to green issues
Hebrew	The Weather Chaggim	Food Clothes Colours	Picnic Feelings	My room Pets	Daily routine Going shopping Hobbies	What I did yesterday End of year party

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Tefillah	Learn Birchat Hamazon (Grace after meals - Avivit) Learn Candle lighting for Yom Tov	Leyning v shomru (Jo) Find Brachot for lighting candles in siddur	Learn Modim Anachnu (shabbat morning prayer) Learn Tefillat Haderech (prayer before a journey) Learn Ashrei (Avivit)	Learn Az Yashir Moshe Leyn (chant) sections of Megillat Esther (Laura P contact)	Learn Asher Yatzar Prayer for the Royal Family (British values)	Hallel (songs of praise) Learn (new) Od echa, Bracha for Hallel
RE and Diversity	Other religions that use the lunar calendar – Islam / Christianity Christianity – how do members of our class celebrate Christmas? Story and traditions.	Challenging stereotypes about Africa and Africans	Spring festivals in other religions - common symbols of spring (e.g. egg)	Christianity - Easter and link to Pesach. Common symbols (egg, lamb) and significance. How celebrated. Different families, different traditions	Christianity / Islam – use of water in religious ceremonies (e.g. christening a baby / baptisms)	Islam – Eid ul Fitr (late June) comparisons with Jewish holidays where a fast is broken

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<p>PSHCE / SRE</p>	<p>Introduce all 5 Eden values, then...</p> <p>Excellence (British / Eden value)</p> <ul style="list-style-type: none"> • Embracing challenge • High expectations • Determination effort and resilience • Thinking • Confidence • Pride in our achievements 	<p>Responsibility (British / Eden value)</p> <ul style="list-style-type: none"> • Caring for each other • Caring for school • Caring for nature and the environment • Caring for the wider community • Taking responsibility for our learning 	<p>Respect (British / Eden value)</p> <ul style="list-style-type: none"> • Compassion • Kindness • Valuing all others - children and adults • Getting along 	<p>Community (British / Eden value)</p> <ul style="list-style-type: none"> • Unity • Celebrating difference/ uniqueness • Diversity • Inclusion of children with SEN and from different faiths and backgrounds • Family 	<p>Creativity (British / Eden value)</p> <ul style="list-style-type: none"> • Courage • Curiosity • Exploration • Innovation • Fun • Risk taking • Innovative teaching and learning 	<p>Review all 5 Eden values (British / Eden value)</p>
<p>History/Geography</p>	<p>History of communication, timeline, uses for different means of communication</p>	<p>Geography – research geographical features of countries in Africa , including Ghana (Tzedek project) 3D maps of Africa Comparing life in Africa and Europe</p>	<p>History of story telling around the world – importance of stories in different cultures</p>	<p>Geography - pyramid builders' handbook – maps of where to build based on geographic / religious priorities History of Ancient Egypt</p>	<p>History of water usage in the home Water and health – sanitation / healthy diet Water and transport – who travels by water and why? Canals</p>	<p>Geography – wind farms and renewable energy – debate for and against</p>

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Music	Role of conductor and non-verbal communication in music Composition Appreciation	African drumming – composition, performance, notation	Music about exotic places (Sheherezade) – appreciation, composition, performance	Ballads – music that tells a story; composing work songs (based on Negro slave songs)	Music about water (e.g. sea shanties, Vltava) Create and perform a piece of “storm” music (body percussion)	Music – composition using recycled materials
PE	Swimming Hand-eye/ hand-foot coordination – ball skills	Swimming Hand-eye coordination Tennis – TBC	Swimming Foot-eye coordination Soccer – TBC	Dance Benchball - TBC	Gymnastics Tag Rugby - TBC	Athletics Quick Cricket - TBC