



Oak Class (Y4,5,6) Curriculum Intent Overview 2021-2022

KS2 Year 'D'

PSHE						
PSHE focus days/weeks	Growth Mindset Wow Day Identifying trusted adults School Council elections Black History Month (October)	Anti-bullying Week Children in Need fundraising	Safer Internet Day Feeling Good Week (healthy body and minds) Y6 Crucial Crew	Sports/Comic relief fundraising Young Carers Assemblies	Visit to Place of Worship Road safety/cycling proficiency/scooter ability First Aid	Chauncy Community Day Local or Global Charity fundraising KS2 Summer fair –Young Entrepreneur
KS2 Year B (y3/4) /D (y5/6)	What strengths, skills and interests do we have?	How do we treat each other with respect?	How can we manage our feelings?	How will we grow and change?	How can our choices make a difference to others and the environment?	How can we manage risk in different places?
	personal qualities, unique , individuality, different , self-worth, achievement, Growth Mindset, resilience, set-backs, learn from mistakes, marvellous mistakes, attributes, strengths, interests, personal goals, trusted adult	polite, courteous, relationship , respectful behaviour, rights, responsibilities, privacy, confidence or secret, discrimination, aggressive or inappropriate behaviour (including online and unwanted physical contact)	vocabulary for different feelings, intensity, expressing feelings, resilience, loss, grief, change, advice, support, wellbeing	puberty, menstruation, menstrual wellbeing, erections, wet dreams, emotions, personal hygiene	responsibility, environment , Fairtrade, single use plastics, giving to charity, topical issues, caring, independence, compassion, global, local, national	manage risk, safe, unsafe, environment , digital devices peer pressure, influences, personal information, anti-social, law, legal, illegal
	How can we keep healthy as we grow?		How can the media influence people?		What will change as we become more independent? How do friendships change as we grow?	



	mental health, physical health, wellbeing , friendships, relationship , balanced lifestyle, unique habit, Growth Mindset, marvellous mistake, resilience, independence, legal and illegal drugs, trusted adult , FGM	media, wellbeing , opinions, influence, decision, peer pressure, reliability, trustworthy, safe, unsafe, blog, online content, age restriction, debate, viewpoint, local, national, global	relationship , romantic, intimate, attracted, gender, ethnicity, faith, couples, privacy, sexual intercourse, conception, contraception, marriage, civil partnership, forced marriage, illegal, crime, puberty, reproductive organs, independence
--	--	--	--

ENGLISH AND MATHS

For the 2022/2022 academic year, the school has chosen to adopt the HfL English and maths Back on Track programmes. This is because our children missed a significant amount of classroom teaching and the programme aims to cover the most significant parts of the curriculum which were missed during the pandemic, whilst also moving children on to new learning so they do not fall behind.

RELIGIOUS EDUCATION

½ termly Christian Values	Perseverance	Joy	Friendship	Compassion	Peace	Hope
KS2 Year D	How do different religions and worldviews express their beliefs through the arts? (Christians, Muslims, Buddhists) Was Jesus the Messiah? (UC Incarnation) What happens in a church service? (preparing and presenting readings and prayers for school Christmas service at church)		What kind of King is Jesus? Compare religious leaders How is Easter celebrated around the world? (Visit to Easter Experience)		Why are places of worship special? What are their special features? (Link to whole school visit Mosque and Gurdwara from spring 22) Why is there evil in the world? Does helping others mean we should expect something in return? How can following God bring freedom and justice? (UC People of God)	
	Messiah, church service, reading, order of service, gestures of Buddha, lotus flower, wheel, Last Supper, baptism, creative arts, stained glass		Ultimate questions, religious leader, divine, perspectives, accounts, meditation, Passover, Easter, prayer, stillness, reflection		Vocabulary for features of place of worship visited, justice, ethics, fairness, prejudice, poverty, humanitarian	

HISTORY

KS2 Year D	What would it have been like to attend our school when it first opened in Victorian times? Was it better to go to school or go to work in Victorian times?		What affect did World War 1 or 2 have on our local area?
	Contrasting, source of evidence, change, similarities, difference , interpret, legacy, impact, church school, log book, diary, transform, duty, underprivileged, peasant, Victorian era, corporal / punishment, equality, chalk and slate, Historical enquiry, source of evidence, change, similarities, difference, Industry, factories, textile, chimney sweeps, mines, street		Sources, evidence, change, similarities, difference , reliability, bias, memorial, civilian, conscription, volunteer, evacuee, blitz, propaganda, commemorate, symbolism, rationing, Jewish, Holocaust, Allies, prejudice, invade, reserved



	sellers, 1870 Education Act, school's pence, mandatory, significant figure William Forster.			occupation, significant figure , Hertfordshire Regiment, Alfred Burt.		
GEOGRAPHY						
KS2 Year D			How has our local area changed over time (O.S. maps, 8 point compass/6 figure grid references)?	What affect did world war 1 or 2 have on our local area?		
			Map, United Kingdom, OS map, aerial view, fieldwork, human/physical features, digital technologies, symbols, local, environment	Trade, Europe, immigration,		
ART AND DESIGN						
KS2 Year D	What made Henry Moore a famous local sculpture?	National Gallery – Take one Picture		What are propaganda posters? Why were they important in WW2?		
	abstract, modern art, figures, texture , sculptor , model, design , clay, tools, attach, join,	(see notes relevant to painting selected) observe, sketch , record, review, paint charcoal, pencil, tone, emphasis, shape, pattern , harmony, contrast, artist , texture		design , influence, information, colour , repetition, emotive, language,		
DESIGN AND TECHNOLOGY						
KS2 Year D	Why did children from Tonwell School spend so much time picking blackberries? (making jam/jam tarts)	Can I construct and programme a robot? (Lego Robotics through Setpoint)		How much money can I make from a fiver? Young enterprise Fiver Challenge designing a stall for the school summer fair (textile) What can we grow in our allotment?		
	prepare, cook, sweet, savoury, cooking, technique, seasonality, taste, sour, sharp	computing, programme, monitor, control, product, construct , improve		research , evaluate , analyse , product, generate, communicate, experiment, grow, maintain diet healthy, seasonality		
COMPUTING						
Year B (+ Year D 6.1 and 6.2 for Y6)	4.1 Coding What are the stages of the design, code, test, debug coding process?	Unit 4.2 Online safety What is meant by a digital footprint?	Unit 4.3 Spreadsheets How would you add a formula so that the cell shows the percentage score for a test?	Unit 4.4 Writing for different audiences Why should I change the font when I am writing?	Unit 4.5 Logo What is Logo?	Unit 4.6 Animation What is an animation?
	Action, alert, algorithm , bug , code design,	Computer virus, website , cookies,	Average, columns, cells, charts, database , equal tools, formula wizard,	Font, bold, text, italic,	LOGO, coding language, turtle,	Animation, flipbook, frame,



	character , command, control, debug , design mode, event, conditional, input , output , repeat, selection, simulation, timer, variable.	copyright, digital footprint, e-safety , email, identity theft, malware, phishing, plagiarism, spam, advertising.	calculation, random tool, rows, vertical, spreadsheet , timer.	formatting, underline, highlight, toolbar, size, style.	BK – move backwards, FD – move forward, RT – turn right, LT – turn left, repeat, SETPC – set pen colour to a given colour. SETPS – set the pen thickness. PU – lift the pen up off the screen. PD - put the pen back down.	onion skinning, image, shadow, background, play, sound, stop motion, video clip.
--	---	--	---	---	--	--

MODERN FOREIGN LANGUAGE (FRENCH)

KS2 Year B/D	Language Angels: Phonics 1&2 (Phonics 3 Y6) I'm learning French (Presenting Myself Y5/6)	Language Angels: Vegetables How is Christmas celebrated in France?	Language Angels: My home Olympics	Language Angels: Pets	Language Angels: Musical instruments The date	Language Angels: At the weekend Why is Bastille Day celebrated in France? (including planning mini French lessons for KS1/EY classes)
--------------	---	---	--------------------------------------	-----------------------	--	--

MUSIC

Composer of the half term	Handel	Vivaldi	Beethoven	Composer linked to RAH performance	Brahms	Hans Zimmer
KS2 Year B	Charanga – Mamma Mia	How can we prepare singing, percussion and tuned instruments for our Christmas performance?	Charanga - Stop	Charanga – Lean on Me	Charanga - Blackbird	Charanga – Reflect, Rewind and Replay How can I use musical notation to perform and compose using tuned instruments (recorder)?
	Vocabulary: Keyboard, electric guitar, bass, drums, improvise, compose, melody, pulse, rhythm, pitch, tempo, dynamics, texture, structure, compose,	accompaniment, instrument , performance, recital, percussion, rhythm , timbre, tempo , pitch , harmony, volume, control, vocal				Compose, composition , improvise, notation, melody, tempo , pitch , rhythm , expression, tune , beat , note, crochet, quaver, chord



	improvise, hook, riff, melody, solo, pentatonic scale, unison, rhythm patterns, musical style, rapping, lyrics, choreography, digital/electronic sounds, turntables, synthesizers, by ear, notation, backing vocal, piano, organ, acoustic guitar, percussion, birdsong, civil rights, racism, equality.					
--	--	--	--	--	--	--

PHYSICAL EDUCATION

KS2 Year D	Can I improve my skills and knowledge of invasion games (football)? Can I prepare with my team for a sporting competition (tag rugby)? Y4-6 Can I take part in outdoor adventurous activities?	Can I plan, prepare and perform on stage at the Sports Partnership Dance Festival at Hertford Theatre (different theme each year)? Can I develop and improve my knowledge and skills in gymnastics?	Can I prepare for an athletics competition? Athletics skills for sports day and District Athletics Can I improve my personal best? Can I improve my skills in net/wall games (tennis/players from around the world)? 6 weeks' intensive swimming lessons Can I plan and perform dances (dance crazes since 1920s)?
------------	--	--	---

SCIENCE



<p>KS2 Year D</p>	<p>Light</p> <ul style="list-style-type: none"> • Recognise that they need light in order to see things and that dark is the absence of light. • Notice that light is reflected from surfaces. • Recognise that light from the sun can be dangerous and that there are ways to protect their eyes. • Recognise that shadows are formed when the light from a light source is blocked by a solid object. • Find patterns in the way that the size of shadows change. • Understand that light appears to travel in straight lines. • Use the idea that light travels in straight lines to explain that objects are seen because they give out or reflect light into the eyes. • Use the idea that light travels in straight lines to explain why shadows have the same shape as the objects that cast them, and to predict the size of shadows when the position of the light source changes. • Explain that we see things because light travels from light sources to our eyes or from light sources to objects and then to our eyes. 	<p>Earth and space</p> <p>States of matter</p> <ul style="list-style-type: none"> • Compare and group materials together, according to whether they are solids, liquids or gases. • Observe that some materials change state when they are heated or cooled, and measure the temperature at which this happens in degrees Celsius (°C), building on their teaching in mathematics. • Identify the part played by evaporation and condensation in the water cycle and associate the rate of evaporation with temperature. • Describe the movement of the Earth, and other planets, relative to the Sun in the solar system. • Describe the movement of the Moon relative to the Earth. • Describe the Sun, Earth and Moon as approximately spherical bodies. • Use the idea of the Earth's rotation to explain day and night and the apparent movement of the sun across the sky. 	<p>Animal and Human Life Processes</p> <ul style="list-style-type: none"> • Identify that animals, including humans, need the right types and amounts of nutrition, that they cannot make their own food and they get nutrition from what they eat. • Construct and interpret a variety of food chains, identifying producers, predators and prey. • Identify that humans and some animals have skeletons and muscles for support, protection and movement. • Describe the simple functions of the basic parts of the digestive system in humans. • Identify the different types of teeth in humans and their simple functions. • Identify and name the main parts of the human circulatory system, and describe the functions of the heart, blood vessels and blood • Recognise the impact of diet, exercise, drugs and lifestyle on the way their bodies function • Describe the ways in which nutrients and water are transported within animals, including humans.
	<p>brightness, light source, reflect, shadow, transparent, opaque, surface, beam, mirrors, travel</p>	<p>solids, liquids, gases, evaporation, condensation, melting, temperature, water-cycle, heating, cooled, particles, reversible, irreversible, dissolve, solution, thermometer, solar system, moon, sun, planet, rotate, orbit, universe, international space station</p>	<p>molar, incisor, canine, muscle, contract, relax, skeleton, balance diet, carbohydrate, protein, fat, sugar, producer, consumer, prey, predator, food chain, nutrition, digestion, circulation, heart, blood vessel, lung</p>