Subject	Autumn 1	Autumn 2	Spring 1	Spring 2	Summer 1	Summer 2
Vehicle for learning	The Industrial Revolution		Chocolate	The Circulatory System	Holidays	New beginnings
Maths	Number and place value (to include decimal numbers) Four operations - addition and subtraction	Four operations - multiplication and division Multiplying and dividing 10, 100, 1000 (decimal numbers) Geometry - perimeter and area (taught alongside multiplication) Geometry - properties of shape	Fractions (this will need to be a longer focus due to missed learning opps) Algebra	Statistics Ratio and Proportion FDP - conversion between Geometry - angles	Measure - imperial to metric Geometry - position and direction	Recap all areas of learning through problem solving tasks and project work
English	Narrative - mystery	Non-fiction - persuasive letter	Shakespeare Non-chronological report	Narrative - adventure Poetry	Shakespeare Narrative - story	Non-fiction - speech
Science	Living things and their habitats - classification I can investigate how animals can be grouped and classified, considering common features. I can identify different animals in their broad groups and describe their features. I can identify the different groups for plants and describe their key features. I can identify the different groups for microorganisms and describe their key features. I can explain why certain plants and animals are classified into specific groups, giving reasons why. (Previous learning: see N, R, Y2, Y3 & Y5 coverage)	Light I can test a hypothesis for light, drawing on my observational skills. I can describe how light travels in straight lines. I can describe how we see objects, explaining the role of reflection. I can investigate the shape of shadows. I can use my findings from my investigation to explain why shadows have the same shape as the objects that cast them. (Previous learning: see Y3 coverage)	Evolution & Inheritance I can recognise that living things have changed over time and describe those changes. I can explain how fossils support us to know how living things have changed over time. I can describe how plants and animals have adapted to their environments. I can explain how adaptation can sometimes lead to evolution. I can recognise that living things produce offspring of the same kind, but they're not identical.	Animals including humans - circulatory system I can identify and name the main parts of the body associated with the circulatory system. I can describe the function of the heart, blood vessels and blood in relation to the circulatory system. I can describe how nutrients and water are transported within animals, including humans. I can investigate how exercise and the heart are related. I can describe the impact of diet and exercise on the human body. I can describe the impact of drugs and lifestyle choices on the human body. (Previous learning: see N, R, Y1, Y2, Y3, Y4 & Y5 coverage)	Working Scientifically TBC dependent on ongoing assessment.	Electricity I can understand and recognise the symbols for a range of common components in an electrical circuit. I can investigate the relationship between the brightness of a bulb and the number of cells in a circuit. I can explain my findings using diagrams to support my explanation. I can investigate how a switch will affect how different components function. (Previous learning: see Y4 coverage)

Geography	Map skills and field work Natural Resources, Trade (cotton), Contours and 6-figure grid references, food miles.	Map skills and field work/Knowledge of the world Climate Zones, Biomes, Chocolate journey, Fairtrade.	Journeys & Coasts I can navigate a route using an OS map.	
		I can locate and label the climate zones.	I can plan a route and describe the journey, using an OS	
		Locate and label vegetation belts.	maps. Location & place knowledge I can use Lichfield as a case study when comparing it to	
		I can describe where countries are using longitude/latitude.	another city.	
	I can use an OS map to identify the location of a flag.	I can explain what the three climate zones are identify some countries/regions within each of them.	I can reflect upon my knowledge of the United Kingdom and apply it to another town	
	I can use 6 figure grid references to locate features on an OS map.	I can explain what the vegetations belts are and the significance of these.	Human and physical geography	
	Physical geography	I can predict the climate and vegetation of a locality, given its	I can discuss and compare a range of coastal areas.	
	I can use the UK during the industrial revolution to discuss the importing and exporting of goods. I can understand that products we use are imported as well as locally produced. I can discuss the impact of carbon footprint.	position in the world, drawing on geographical vocabulary.	I can discuss why some coastal areas are more appealing to others.	
		I can name some countries/regions with different vegetations; forest, grassland, tundra, desert and ice sheet.	I can explain reasons for and against living in a coastal town.	
		Human and physical geography	I can make comparisons between the human and physical features of my locality with a contrasting region in the UK,	
		I can explain how tropical rainforests have a large impact on biomes.	such as a coastal town/city. (Previous learning: see N, R, Y1, Y2, Y3, Y4 & Y5	
	I can suggest different ways a locality could be changed and improved.	I can understand how climates and vegetation are connected	coverage)	
	I can explain reasons for settlements including economics,	in biomes, e.g. coastal areas, deserts and tropical rainforests		
	trade links and natural resources. (some consolidation from year 4 - rivers and year 5 - sustainable development) (Previous learning: see N, R, Y1, Y2, Y3, Y4 & Y5	I can discuss the importance of individual responsibility for taking care of our environment.		
	coverage)	I can discuss sustainable development, the fair/unfair distribution of resources (inc energy) and fairtrade		
		I can understand that our food is grown in many different countries because of the climate		
		I can understand that products we use are imported as well as locally produced (Previous learning: see N, R, Y1, Y2, Y3, Y4 & Y5 coverage)		

History	Industrial Revolution - Local Study	History of Chocolate - the Mayans, Europe, drink to bar, workers rights - Cadbury/Rowntree etc.	History of Holidays
	I can further explore the influence of Josiah Wedgwood on our local area?	I can identify the impact John Cadbury had upon workers' welfare.	I can place current study on timeline in relation to other studies I can use relevant dates and terms
	I can place current study on timeline in relation to other	Wondro.	I can sequence up to 10 events on a timeline
	studies I can use relevant dates and terms	I can place current study on timeline in relation to other studies	I can find out about beliefs, behaviour and characteristics of
	I can sequence up to 10 events on a timeline	I can use relevant dates and terms I can sequence up to 10 events on a timeline	people, recognising that not everyone shares the same views and feelings
	I can find out about beliefs, behaviour and characteristics of		
	people, recognising that not everyone shares the same views and feelings	I can find out about beliefs, behaviour and characteristics of people, recognising that not everyone shares the same views and feelings	I can write another explanation of a past event in terms of cause and effect using evidence to support and illustrate my explanation
	I can write another explanation of a past event in terms of		
	cause and effect using evidence to support and illustrate my explanation	I can link sources and work out how conclusions were arrived at	I can consider ways of checking the accuracy of interpretations – fact or fiction and opinion
	I can link sources and work out how conclusions were arrived	I can consider ways of checking the accuracy of interpretations – fact or fiction and opinion	I can confidently use the library and internet for research
	at	I can confidently use the library and internet for research	I can recognise primary and secondary sources I can use a range of sources to find out about an aspect of
	I can consider ways of checking the accuracy of interpretations – fact or fiction and opinion	I can recognise primary and secondary sources I can use a range of sources to find out about an aspect of	time past
	I can confidently use the library and internet for research	time past	(Previous learning: see N, R, Y1, Y2, Y3, Y4 & Y5 coverage)
	I can recognise primary and secondary sources I can use a range of sources to find out about an aspect of time in the past	(Previous learning: see N, R, Y1, Y2, Y3, Y4 & Y5 coverage)	
	(Previous learning: see N, R, Y1, Y2, Y3, Y4 & Y5 coverage)		

Computing	 Online safety I can identify what media balance means for me. I can identify what clickbait is, and how we can avoid it. I can identify how gender stereotypes shape our experiences online. I can identify how we keep online friendships safe. I can identify what cyberbullying is, and what we can do to stop it. I can identify the important parts of an online news article. (Previous learning: see R, Y1, Y2, Y3, Y4 & Y5 coverage) 	Data I can identify questions which can be answered using data I can explain that objects can be described using data I can explain that formula can be used to produce calculated data I can apply formulas to data, including duplicating I can create a spreadsheet to plan an event and choose suitable ways to present the data (Previous learning: see R, Y1, Y2, Y3, Y4 & Y5 coverage)	3D Modelling I can use a computer to create and manipulate three- dimensional (3D) digital objects I can compare working digitally with 2D and 3D graphics I can construct a digital 3D model of a physical object I can identify that physical objects can be broken down into a collection of 3D shapes I can design and improve a digital model by combining 3D objects (Previous learning: see R, Y1, Y2, Y3, Y4 & Y5 coverage)	Computer science and programming Suggested technology: Scratch / Microbit I can define a 'variable' as something that is changeable and why they are used I can choose how to improve a game by using variables I can design, create and evaluate a project that builds on a given example I can create and develop a program which uses inputs and outputs to run on a controllable device I can explain that selection can control the flow of a program I can update a variable with a user input I can use an conditional statement to compare a variable to a value (Previous learning: see R, Y1, Y2, Y3, Y4 & Y5 coverage)	Systems and networks I can identify how to use a search engine I can describe how search engines select results I can explain how search results are ranked, why this is important and to whom I can recognise and evaluate how we communicate using technology (Previous learning: see R, Y1, Y2, Y3, Y4 & Y5 coverage)	Web Page Creation I can review an existing website and consider its structure I can plan the features of a web page outlining a navigation path I can consider the ownership and use of images (copyright) recognising the implications of linking to content owned by other people I can recognise the need to preview pages (Previous learning: see R, Y1, Y2, Y3, Y4 & Y5 coverage)
-----------	--	---	---	---	---	---

Art	Famous Artist - Lowry	Drawing	Sculpture
	I can critically analyse the styles of a range of artists, craft makers or designers and use this to inform my own work.	Still Life - Pencil skills, perspective, shape, line, shading watercolour.	I can recognise the importance of shapes within sculptures.
	I can explain how a chosen artist or art form has contributed	I can draw objects in still life considering composition	I can consider perspective and how this can change in a sculpture, depending on your viewpoint.
	to the culture and /or history of a specific nation Painting I can create an imaginative painting from a starting point e.g.	I can draw with confidence using my own personal style.	I can talk about famous sculptures
	music, themes, poetry.	I can use different drawing styles including; graphic, realistic, technical, illustration, abstract, and digital.	I can express my own ideas and feelings through 3D design (Previous learning: see R, Y1, Y2, Y3, Y4 & Y5 coverage)
	I can explore the effect of light and colour, texture and tone on natural and man-made objects using paint.	I can use line, tone, shade and hatching with precision showing attention to detail to achieve realistic outcomes	(Freefous featring, see R, F1, F2, F6, F4 & F6 coverage)
	I have an awareness of composition, scale and proportion.	I can look at the effect of light on an object from different directions.	
	I can paint from observation describing different surfaces and textures using tone, line, texture and colour to express mood and feeling	I can apply very basic one point perspective	
	I can confidently mix colours, being able to control these to suit the purpose.	I can use drawing pencils in a range of values. My work includes technical aspects such as Architectural	
	I understand colour relationships using the colour wheel.	design.	
	I can control paint to make things appear lighter and further away or with darker more intense hues to bring them closer such as when painting landscapes.	Sketchbooks I can use my sketch book to adapt and critically evaluate my work as my ideas develop.	
	I can work on sustained pieces reviewing and refining as needed	My annotations reflect my critical evaluations and development of ideas.	
	I can paint 3D forms, preparing the surface before painting	I can reflect on the ways in which my imaginative work has developed from a range of starting points. (Previous learning: see R, Y1, Y2, Y3, Y4 & Y5 coverage)	
	I can use texture to create mood and feeling in my pictures (Previous learning: see R, Y1, Y2, Y3, Y4 & Y5 coverage)	(1 1041003 10011111g. 300 1(, 11, 12, 13, 14 & 13 COVERAGE)	

DT (All objectives to be covered over each of the terms)	 Burgers Design I can use research and develop design criteria to create innovative, functional and appealing products that are fit for purpose I can use the results of investigations, information sources, including ICT when developing ideas I can generate, develop, model and communicate my ideas through discussion, annotated sketches, diagrams (cross- sectional, exploded), prototypes, pattern pieces and computer aided design I can produce detailed, step by step plans that can be followed by myself and by others I can use my previous knowledge to plan what tools and materials I will need to complete my product I can suggest alternative plans and say what the good points/drawbacks of each are (Previous learning: see R, Y1, Y2, Y3, Y4 & Y5 coverage) 	 Birdhouses Make I can demonstrate skill in using different tools and equipment safely and accurately I can cut and join with accuracy to ensure a good quality finished product I can, with confidence, pin, sew and stitch materials together to make a project I can sew under supervision I can use sand paper to smooth edges I can construct products using permanent joining techniques I can use a screwdriver Evaluate I can evaluate existing products and complete market research I can evaluate my products, identifying strengths and areas for development and carrying out appropriate tests I can evaluate my work both during and at the end of the making process recording where I have made modifications as I go along I can to understand how much products cost to make, how sustainable and innovative they are and the impact of products have beyond their intended purpose (Previous learning: see R, Y1, Y2, Y3, Y4 & Y5 coverage) 	 Programming Pioneers Technical knowledge I understand and can apply the safety procedures needed when using different tools I know how more complex electrical circuits and components can be used to create functional products I know how to program a computer to monitor changes in the environment and control my product I understand that sometimes raw ingredients need to be processed before they can be used in cooking I can understand that recipes can be adapted to change the appearance, taste and aroma of a dish (Previous learning: see R, Y1, Y2, Y3, Y4 & Y5 coverage)
--	---	---	--

	T					
PE	Games	Games continued	Dance	Athletics	Gymnastics	Outdoor Adventure Activity (linked with residential)
	I can confidently vary skills,	I can comment on tactics and	I can exaggerate dance	I can use a variety of running	I can plan and perform with	```````````````````````````````````````
	actions and ideas and link	techniques to help improve	movements and motifs (using	techniques with confidence	precision, control and	I can confidently use and
	these in ways that suit the	performance.	expression when moving)	and control.	fluency, a movement	interpret simple maps.
	game's activity.	I can learn from others how I	I can perform with	I can confidently perform a	sequence showing a wide range of actions including	I can think activities through
	I can keep possession of	can improve my skills.	confidence, using a range of	running jump with more than	variations in speed, levels	and problem solve using
	balls during game situations.	Lean make suggestions on	movement patterns.	one component.	and directions.	general knowledge.
	I can consistently use skills	I can make suggestions on how to improve individual	l can demonstrate a strong	e.g. hop skip jump (triple		I can confidently choose and
	with co-ordination, control	and others work, commenting	imagination when creating	jump)	I can perform difficult actions,	apply strategies to solve
	and fluency.	on similarities and	my own dance sequences	Loop record poors!	with an emphasis on extension, clear body shape	problems.
	I can confidently take part in	differences.	and motifs.	I can record peers' performances, and evaluate	and changes in direction.	(Previous learning: see Y3,
	competitive games with a		l can demonstrate strong	these.		Y4 & Y5 coverage)
	strong understanding of		movements throughout a		I can adapt sequences to	
	tactics and composition.		dance sequence.	I can demonstrate accuracy	include a partner or a small	
			·	and confidence in throwing and catching activities.	group.	
	I can create my own games using knowledge and skills.		I can combine flexibility, techniques and movements	and caloning activities.	I can gradually increase the	
			to create a fluent sequence.	I can confidently describe	length of a sequence of work	
	I can modify competitive			good athletic performance using correct vocabulary.	with a partner to make up a	
	games.		I can move appropriately and	using correct vocabulary.	short sequence using the	
	I can compare and comment		with the required style in	(Previous learning: see Y1,	floor, mats and apparatus, showing consistency, fluency	
	on skills to support creation		relation to the stimulus. e.g using various levels, ways of	Y2, Y3, Y4 & Y5 coverage)	and clarity of movement.	
	of new games.		travelling and motifs.			
	I can confidently make				I can draw on what I know	
	suggestions as to what		I can show a change of pace		about strategy, tactics and	
	resources can be used to		and timing in movements.		composition when performing and evaluating.	
	differentiate a game.		I can move to the beat		and evaluating.	
	Loop apply knowledge of		accurately in dance		I can analyse and comment	
	I can apply knowledge of skills for attacking and		sequences. I can improvise with		on skills and techniques and	
	defending.		confidence, still		how these are applied in my	
	Ũ		demonstrating fluency across		own and others' work.	
	I can consistently use running, jumping, throwing		a sequence.		I can use more complex gym	
	and catching in isolation and				vocabulary to describe how	
	in combination.		I can dance with fluency, linking all movements and		to improve and refine	
	(Previous learning: see R, Y1, Y2, Y3, Y4 & Y5		ensuring they flow.		performances.	
	11, 12, 13, 14 & 15 coverage)				I can develop strength,	
			I can demonstrate consistent		technique and flexibility	
			precision when performing dance sequences.		throughout performances. (Previous learning: see R,	
			·		Y1, Y2, Y3, Y4 & Y5	
			I can modify parts of a		coverage)	
			sequence as a result of self			
			and peer evaluation, with confidence.			
			I can use more complex			
			dance vocabulary to compare and improve work.			
			(Previous learning: see R,			
			Y1, Y2, Y3, Y4 & Y5			
			coverage)			

Music See Charanga scheme for objectives and previous coverage	Developing melodic phrases	Understanding structure and form	Gaining confidence through performance	Exploring notation further	Using chords and structure	Respecting each other through composition
RE	What is the best way for a Muslim to show commitment to God? I can explore the best way for a Muslim to show their commitment to God. I can explore how other religions show their commitment to God. I can see how Muslims try to lead lives respectful to God. I can explore ways in which Muslims can be stereotyped. I can identify things I find interesting/ puzzling about Islam. I can explain that there might be different ways in which people show commitment to their religion	How significant is it that Mary was Jesus' mother? I can explore the significance of why Mary was chosen as Jesus' mother. I can give my opinions on the importance of Mary being Jesus' mother. (Previous learning: see R, Y1, Y2, Y3, Y4 & Y5 coverage)	Is anything ever eternal? I can describe what Christians might learn about the afterlife from Bible stories. I can discuss the theory, is anything ever eternal? I can explain ways in which Christianity appears to be a strong religion today 2,000 years after Jesus was on earth. I can ask important questions about eternity, (Previous learning: see R, Y1, Y2, Y3, Y4 & Y5 coverage)	Is Christianity still a strong religion 2000 years after Jesus was on Earth? I can understand God's intentions with regard to Jesus' crucifixion. I can express my own understanding of what a religious figure would do in relation to a moral dilemma from the world today. I can give my opinions on whether Christianity is a strong religion now. (Previous learning: see R, Y1, Y2, Y3, Y4 & Y5 coverage)	Does belief in Akhirah (life a good lives? I can give reasons why I feel le good idea. I can see how Muslims try to le I can discuss- Does belief in Al Muslims lead good lives.	ad lives respectful to God.

PSHE	Identifying strengths and setting goals I can self-assess, understanding how this will help my future actions. I can recognise my strengths and how they can contribute to different groups. I can reflect on past achievements. I can work collaboratively towards common goals. I can begin to set personal goals. I can be a discerning consumer of information online including understanding that information, including that from search engines, is ranked, selected and targeted. (Previous learning: see (N, R, Y1, Y2, Y3, Y4 & Y5 coverage)	 Race & ethnicity, stereotypes and culture I can talk with a wide range of adults. I can show an understanding of how relationships can change as a result of growing up. I can show an understanding of how marriage represents a formal and legally recognised commitment of two people to each other which is intended to be lifelong. I can identify different forms of discrimination against people in societies. I can recognise and respect similarities and differences between people. I can recognise the factors influencing opinion and choice, including the media. I can challenge stereotyping and discrimination. (Previous learning: see (N, R, Y1, Y2, Y3, Y4 & Y5 coverage) 	Illness & immunisation I can show an understanding of how to recognise early signs of physical illness, such as weight loss, or unexplained changes to the body. I can take responsibility for my own safety and the safety of others and be able to seek help in an emergency. I can show an understanding of the facts and science relating to allergies, immunisation and vaccination. (Previous learning: see (N, R, Y1, Y2, Y3, Y4 & Y5 coverage)	Mental wellbeing I can ildentify and talk about my own and others' strengths and weaknesses and how to improve. I can recognise how my behaviour and that of others may influence people both positively and negatively. I can show an understanding of how and when to seek support including which adults to speak to in school if I am worried about my health. I can show an understanding that it is common for people to experience mental ill health. For many people who do, the problems can be resolved if the right support is made available, especially if accessed early enough. I can show that mental wellbeing is a normal part of daily life, in the same way as physical health. I can show an understanding that bullying (including cyberbullying) has a negative and often lasting impact on mental wellbeing. (Previous learning: see (N, R, Y1, Y2, Y3, Y4 & Y5	 Budgeting & finance I can make connections between my learning, the world of work and my future economic wellbeing. I can learn about budgeting and what it means to budget I can understand why financial management and planning is important from a young age I can understand financial terms such as loan, interest, tax and discount (Previous learning: see (Y3, Y4 & Y5 coverage) 	Generating income I can identify the skills I need to develop to make my own contribution in the working world in the future. I can understand why aspirations are important in helping to plan for the future I can understand the principles of enterprise I can understand profit and loss I can understand the principles of charity work (Previous learning: see (Y3, Y4 & Y5 coverage)
Languages	Phonics 4 At School I can apply phonic knowledge Listening Speaking Reading Writing Culture	Weekend I can compare and contrast and appreciate both cultures Bleuet de France Listening Speaking Reading Writing Culture	World War II Listening Speaking Reading Writing Culture		Me and the World Listening Speaking Reading Writing Culture	

You can merge columns together if things run over the whole term. Consider what themes areas of learning you are focussing on. What is your vehicle for teaching? - e.g. the Mayas. This might cover the history and geography but it is not going to link with science and computing; these subjects will have a different vehicle for teaching. We need to move away from thinking about things as topics.