

### Curriculum Concepts Plan Class 2: Years 3/4

Autumn 2021-3



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Term/Concept	Autumn A - Changes	Spring A - Creatures	Summer A - Time
History	Change and Continuity Changes within living memory and how they have influenced life today. The Roman Empire and its impact on Britain. To be able to investigate and interpret different accounts of historical events and be able to explain why they may differ. Use a variety of historical sources to collect and organise information. To be able to understand the relevant time frame and know BC/AD.	Cause and Consequence To study Britain's settlement by Anglo- Saxons and Scots and recognise the impact it had on Britain today.	Significance Who were the greatest builders? Events beyond living memory Earliest civilisations. Identify historically significant people and events To be able to construct informed responses about this aspect of life through careful selection and organisation of relevant historical information.
Geography	Human geography, including types of settlement and land use, economic activity including trade links and the distribution of natural resources including energy, food, minerals and water	Geographical skills and fieldwork: use the eight points of the compass, four and six figure grid references, Ordnance Survey maps to build knowledge of the UK and the wider world Locational Knowledge: name and locate the counties and cities of the UK, human characteristics, geographical regions, key topographical features, land patterns and how these change over time	Locational Knowledge: continents and oceans, counties and capital cities in the uk

Science	Rocks: compare and group together different types of rocks on the basis of their appearance and physical properties.  Describe how fossils are formed when things that have lived have been trapped within rock Recognise that soils are made from rocks and organic matter	Light 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 an opaque object find patterns in the way that the size of shadows change  Electricity identify common appliances that run on electricity construct a simple series electrical circuit, identifying and naming its basic parts, including cells, wires, bulbs, switches and buzzers identify whether or not a lamp will light in a simple series circuit, based on whether or not the lamp is part of a complete loop with a battery recognise that a switch opens and closes a circuit and associate this with whether or not a lamp lights in a simple series circuit recognise some common conductors and insulators, and associate metals with being good conductors	States of matter 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 or research the temperature at which this happens in degrees Celsius (°C) identify the part played by evaporation and condensation in the water cycle and associate the rate of evaporation with temperature  Sound identify how sounds are made, associating some of them with something vibrating recognise that vibrations from sounds travel through a medium to the ear find patterns between the pitch of a sound and features of the object that produced it find patterns between the volume of a sound and the strength of the vibrations that produced it recognise that sounds get fainter as the distance from the sound source increases
Art	Collage To know what collage is and how mosaics were used by the Romans to decorate their homes.  To understand and use different techniques, associated with creating a collage.  To know how use of colour and combinations can create different effects.	Work of other artists To be aware of Salvador Dali who was a Spanish Surrealist painter and recognise his style. To understand how he has portrayed his techniques within his art. To understand the surrealism movement and its rationale.	Printing To be aware of a variety of the printing technique of block printing and understand and use the processes used to produce a simple print using the 7 wonders of the world as a stimulus.  Drawing

	3D objects – Roman Shields See DT knowledge and skills organiser  Construction To be aware of the use and functionality of a Roman shield. To know and use the processes required to plan, make and evaluate a product fit for purpose. To understand how materials can be used to create structures which are strong and sturdy. Use the shields in a mock battle.		blue and yellow and kno secondary colours will be primary colours together to paint a picture of a dra To know that a range of	revisit and know the primary colours of red, e and yellow and know that condary colours will be produced by mixing mary colours together. To use this knowledge paint a picture of a dragon. know that a range of tones can be made by ding increasing amounts of a dark colour to a		To know how pencils are classified – hard (H) soft- blackness (B) and use them appropriately to add texture to sketches and paintings. Know how to use that knowledge that shading can make a 2D sketch look 3D.  To know how famous artists, eg. Vincent Van Gogh, use these techniques in their work.	
DT			Textiles To know and use the processes required to plan, make and evaluate a product fit for purpose. To explore and investigate textiles for appearance and functionality To understand that simple fabrics can be used to create 3D objects e.g an insect		Food Understand the basic principles of a healthy and varied diet when preparing food from around the world.		
Music	Unit: Three Little Birds Style: Reggae  This unit presents an integrated approach to music where games, elements of music (pulse, rhythm, pitch etc.), singing and playing instruments are all linked. As well as learning to sing, play, improvise and compose with this song, children will listen and appraise other Reggae songs.	Unit: Glockenspiel Stage 1 Style: Learning basic instrumental skills by playing tunes in varying styles introduces the children to learning about the language of music through playing the glockenspiel.  The learning is focused around exploring and developing playing skills through the glockenspiel. Simple scores will be used in this unit as having an understanding of the	Unit: Mamma Mia  Style: Pop (ABBA)  As well as learning to sing, play, improvise and compose with the well-known song Mamma Mia, children will listen and appraise more ABBA hits.	Style: A little bit funky and music from around the world.  This is a song about kindness, respect, friendship, acceptance and happiness.  Listen & Appraise apps; new progressive Warmup Games, Flexible Games and improvisation resources, and a compose tool will be used to structure the unit.	Unit: Bringing Us Together  Style: Disco This is a Disco song about friendship, peace, hope and unity.  Listen & Appraise apps; new progressive Warm-up Games, Flexible Games and improvisation resources, and a compose tool will	Unit: Reflect, Rewind and Replay  Style: Western Classical Music  This Unit of Work consolidates the learning that has occurred during the year. All the learning is focused around revisiting songs and musical activities, a context for the History of Music and the	

		language of music is important.			be used to structure the unit.	beginnings of the Language of Music.
PSHE	World of work Identify my strengths and go to different career paths by factors that influence job doexplain key skills that will he spending and saving mo Identify different types of mit comes from. Identify differences to use their money difference between needing money.  Road safety Identify and model the 'Sto sequence whilst recognising the road. Understand their pedestrian, a cyclist, a pas public transport. To be able the effect of risky behaviour Individual and collective Identify what skills are need in a team and how everyor strengths to working in a team.	becoming familiar with ecisions. Be able to elp me get a job ney noney and know where erent ways that people and identify the g and wanting to spend p, Look, Listen, Think' ng safe places to cross responsibilities as a senger in a car or on e to understand risk and r strengths ded to work with others ne brings different eam	taking time to disconnect  Everyday feelings Identify that feelings and person's health and wells change throughout the da Identify examples of ever affect feelings and descrito feel good/better.	e makes us feel good are legal, and some are ed dangers and health always ask for help and might feel if people are and evaluate how much m. Identify the benefits of from digital devices emotions are part of a being and that they can ay ryday things that can be what can help people	emotions and ide those maybe into Describe differer they are experie recognising it is to express their wellbeing Recognise that rimportant as phy understand that experiences ups mental health. Know where to ga friend is feeling Sun safety Explain what ultrand how our skill Explain how we and healthy with measures include	nge of feelings and entify how some of ense and strong. In the feelings and how need whilst important for people feelings.  In the feelings and how need whilst important for people feelings.  In the feelings and how need whilst important for people feelings.  In the feelings and how need the feelings are simple to the feelings and downs in their go for help if they or gunhappy.  In the feelings and how need the feelings in the feelings and downs in their go for help if they or gunhappy.  In the feelings and how some of the feelings in the feelings and how need the feelings.
Computing	Unit 1 - Word Processing All about me – combining text and images Communicating safely on the internet Understand computer networks and how they can provide multiple services such as the WWW and the opportunities they offer for communication and collaboration. Be able to select, use and combine a variety of software on a range of digital devices to design and create a range of programs, systems and content that accomplish given goals. Use technology safely and responsibly and recognise acceptable/unacceptable behaviour.		Unit 3 - Data Collection Branching databases Collecting and analysing Select, use and combine a range of digital devices range of programs, syste accomplish given goals, i analysing, evaluating and information. Understand including the internet, and offer for communication a	data a variety of software on to design and create a ems and content that including collecting, d presenting data and computer networks, d the opportunities they	software (includi on a range of dig design and creat programs, systel accomplish give collecting, analyst presenting data	nd edit mance combine a variety of ng internet services) gital devices to

#### Unit 2 - Research and Publishing

Publish a project and leave comments - making and sharing a short screencast presentation
Use search technologies effectively, appreciate how results are selected and ranked and be discerning in evaluating digital content
Select, use and combine a variety of software on a range of digital devices to design and create a range of content and accomplish given goals including collecting, analysing, evaluating and presenting information

Work with variables and various forms of input and output. Use logical reasoning to explain how some simple algorithms work. Use search technologies effectively, appreciate how results are selected and ranked, and be discerning in evaluating digital content

#### Unit 4 - Programmable Robots Espresso coding – inputs and sequencing

Programming an animation
Design, write and debug programs that
accomplish specific goals, solve problems by
decomposing them into smaller parts. Use
sequence in programs, work with variables and
various forms of input and output. Use sequence,
selection, and repetition in programs;' work with
variables and various forms of input and output.
Select, use and combine a variety of software to
design and create content that accomplishes
given goals including presenting information

programs;' work with variables and various forms of input and output Use technology safely and responsibly recognise acceptable/unacceptable behaviour Understand computer networks including the internet and the opportunities they offer for communication and collaboration Be discerning in evaluating digital content

# Unit 6 – Code programming and debugging Pacman/How to catch a spider – Block coding and adding

Finding and correcting bugs in programs

conditions

Debug programs that accomplish specific goals and use sequence, selection, and repetition in programs. To be able to work with variables and various forms of input and output Use logical reasoning to explain how some simple algorithms work and to detect and correct errors in algorithms and programs

#### RE

## L2.1 What do Christians learn from the creation story?

To place the concepts of God and the Creation on a timeline. Recognise the impact on Christian people from the story of Adam and Eve. To ask questions about why it is important for Christian and non-Christian people.

L2.2 What is it like for someone to follow God? To make clear links between the story of Noah and the idea of a covenant. Link covenants with

## L2.9 How do festivals and worship show what matters to Muslims?

Identify some beliefs about God in Islam, expressed in Surah 1 and make clear links between beliefs about God and ibadah (e.g., how God is worth worshiping; how Muslims submit to God). Give examples of ibadah (worship) in Isla m and describe what they involve.

L2.10 How do festivals and family life show what matters to Jewish people.

## Unit L2.4 What kind of world did Jesus want?

Identify texts that come from a Gospel, which tells the story of the life and teaching of Jesus and give examples of how Christians try to show love for all.

Unit L2.12

	promises made by Christian people e.g. at a wedding and how these impact on the wider world.	Identify some Jewish beliefs about God, sin and forgiveness and describe what they mean Offer informed suggestions about the meaning of the Exodus story for Jews today and describe how Jews show their beliefs through worship in festivals, both at home and in wider communities.	How and why do people make the world a better place? Identify some beliefs about why the world is not always a good place and describe some examples of how people try to live. Identify some differences in how people put their beliefs into action
PE	Tag Rugby To be able to run with the ball at speed, dodging tackles and passing with accuracy.  Football I can make good decisions of when to attack and defend. I can pass and receive the ball with control to keep possession, dribble the ball at speed and be aware of space to support teammates.	Swimming To be able to swim 1 width on the front with a float with both arms outstretched in front, swim 1 width on the back with a float, using a straight leg action kick and swim 1 width on the front with a float, using a breaststroke style leg action.  Gymnastics To be able create a sequence of 6 - 8 elements using the floor and apparatus? To include both symmetrical and asymmetrical elements and a start and finish position.  Dance To be able to perform a dance which has 3 sections within it, include an action - reaction element to my dance and include unison and canon.	Striking and fielding To develop appropriate skills to play a striking and fielding game. To be able to throw a ball overhand and stop a ball passing when fielding and hit a ball at different distances.  Athletics 3/4 To be able to sprint using an effective arm action. In a relay be able to pass and receive a baton successfully. Select a jump for distance, driving arms and legs to gain height. To throw balls in a variety of ways with increasing accuracy. Through sports day, participate in an athletics competition to demonstrate the skills learned to improve sprinting, jumping and throwing.
MFL	Birthday and Celebrations Christmas To know numbers 1-31, months, dates, asking for and giving birthday, language to do with birthday celebrations and some more Christmas vocabulary. To use the new language to understand and create invitations, follow instructions for making a piñata, understand songs, stories and video about birthdays and other celebrations.	Shape and prepositions Focus on the work of Miro. To develop the same linguistic skills in different contexts. There is a focus on shapes and prepositions of place, to be used creatively in an art project focusing on the work of Miró. To use familiar verb forms in this new context to describe pictures they create. To learn the parts of the body and face and use this language to describe the	Family members The story of the Giant Turnip To learn the language for family members. To re-tell the story 'The giant turnip'. They learn how to say 'Tengo un/unaque se llama' I have acalled and apply this also in the context of pets. To learn adjectives for describing personality and physical description (hair and

Picasso).	eyes). To use key verbs in the 3rd person singular and plural:> tiene (has), es (is), tienen (have), son (are).
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Term/Concept	Autumn B - Home	Spring B - Moving	Time B - Life
History	Significance A local history study -looking at historical events over time, explaining how some things have changed and some stayed the same.	Cause and Consequence Revisiting Ancient Civilisations eg Pompeii	Significance Changes in Britain from the Stone age to Iron age
Geography	UK place knowledge Human and Physical Geography: including climate, zones, biomes, rivers, volcanoes, earthquakes and the water system Fieldwork: the study of the local area, to include observation, measurement and recording of human and physical features	Physical Geography: To be able to describe and understand key aspects of earthquakes and rivers. Locational knowledge: To identify the position and significance of latitude and longitude	Human Geography To describe and understand key aspects of physical geography such as rainforests and the water cycle. Locational Knowledge To locate the world's countries on a world map and globe. Name and locate counties and cities of the UK
Science	Animals including humans Identify that animals, including humans, need the right types and amount of nutrition, and that they cannot make their own food; they get nutrition from what they eat Identify that humans and some other 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 construct and interpret a variety of food chains, identifying producers, predators and prey	Forces including magnets Compare how things move on different surfaces and notice that some forces need contact between 2 objects, but magnetic forces can act at a distance observe how magnets attract or repel each other and attract some materials and not others Compare and group together a variety of everyday materials on the basis of whether they are attracted to a magnet, and identify some magnetic materials Describe magnets as having 2 poles predict whether 2 magnets will attract or repel each other, depending on which poles are facing	Living things and their habitats Identify and describe the functions of different parts of flowering plants: roots, stem/trunk, leaves and flowers Explore the requirements of plants for life and growth (air, light, water, nutrients from soil, and room to grow) and how they vary from plant to plant Investigate the way in which water is transported within plants explore the part that flowers play in the life cycle of flowering plants, including pollination, seed formation and seed dispersal

					group, identify and na	of ways sification keys to help ame a variety of living nd wider environment onments can change netimes pose
Art	Drawing – still life To know how pencils are blackness (B); also signific To know that mark making sketches and paintings. To know that shading can 3D.  Textiles To be aware of a range of select ones appropriate to Understand and use a var printing, dyeing and stitch textural effects Know and use key vocabutheir work	cance of number. g can add texture to make a 2D sketch look materials and be able to the task riety of techniques e.g. ing to create different	piece of their work Reflect upon their work i and the development of Express an opinion on th  Sculpture	nspired by famous artist their art skills ne work of famous artist sculpting techniques and fart and design	meaning. To understand the te To know what a limit able to work within its To understand how a be made by adding it dark colour to a light  Drawing Understand the different of the colour in the colo	ed palette is and be s restrictions. a range of tones can increasing amounts of colour.  rent grades of pencil s. ects such as line, tone they can be used to
DT	Food Understanding seasonality variety of ingredients are a processed within the local To know how to read a reand prepare food in a safe To understand how the integral and react to make a loaf of the safe and react to make a loaf of	grown, reared caught and area. cipe, weigh ingredients and hygienic way gredients used combine	Construction Design and make a volc wide variety of materials stable.	ano eruption using a to ensure it is strong and	Textiles To design, plan and Stone Age tunic for a evaluate their final pr plan and look at texti	a teddy. They will roduct against their
Music	Unit: Let Your Spirit Fly	Unit: Glockenspiel Stage 2 Style: Learning basic instrumental skills by	Unit: Stop!	Unit: Lean On Me Style: Gospel	Unit: Blackbird  Style: Rock (Beatles)	Unit: Reflect, Rewind and Replay  Style: Western Classical Music

	Style: R&B, Western Classical, Musicals, Motown, Soul  All the learning is focused around one song: Let Your Spirit Fly. The games, the dimensions of music (pulse, rhythm, pitch etc), singing and playing instruments are all linked.	playing tunes in varying styles  The learning is focused around exploring and developing playing skills through the glockenspiel.	Style: Grime, Classical, Bhangra, Tango, Latin Fusion  All the learning is focused around one song: Stop! - a rap/song about bullying. Pupils will learn about the interrelated dimensions of music through games, singing and composing.	Pupils will be encouraged to keep focused on musical learning; the integration of musical learning/practice is key.	All the learning in this unit is focused around one song: Blackbird by The Beatles - a song about civil rights.	This Unit of Work consolidates the learning that has occurred during the year. All the learning is focused on revisiting songs and musical activities, a context for the History of Music and the beginnings of the Language of Music.
PSHE	What makes a good fried Identify the qualities of a good Understand that friendship lifetime Identify how to manage compositively  Respecting others  Explain what respect mean respect in a debate. Under limits to having freedom of that we can disagree with respect someone	good friend (on/ offline) ps change across our pnflict in friendships ans and how to show prstand that there are f opinion and speech and	Money choices Explain how people pay people spend or save Identify why something religious Identify different priorities decisions Volunteering and citized Describe what a good cit how they can be a good Explain what volunteering can volunteer in the complete Identify how they can manual citizes.	might be "good value" s that effect our spending enship tizen is and understand citizen g means and how they munity	Play, like, share (3.Fans) Identify different tactive to manipulate and Explain what to do if pressure or manipulate Managing feelings Explain how feelings influence actions and identify ways of copil different situations Explain why it is imposs	and emotions can d behaviour and ng with feelings in
	Resolving conflict and r Identify how friendships s Identify some tools to buil	upports our wellbeing	planet based on their act Play, like, share, (1. Alfie)		feelings and describe The environment Explain what climate	e how this can feel
	Identify what peer pressure and how to get support  Everyday safety and base	re is and explain when	Recognise when something encountered online 'doesn't feel right' Identify and resist pressurising and manipulative		identify different ways we can protect the environment. Explain what changes we can make at home and at school to protect the environment	
	Learn and practise how to keep yourself and others safe Learn how to safely get help in an emergency, including calling 999		behaviour and how this o			

		(2. Magnus)	
		Give examples of content which may be	
		appropriate or inappropriate to share online	
		Explain the possible consequences of sharing	
		without consent	
		Identify appropriate people to turn to for help	
0	Unit 1 Word Droppeing		Unit E Digital Art/Madia
Computing	Unit 1 - Word Processing	Unit 3 - Data Collection and Analysis	Unit 5 – Digital Art/Media
	Information Text	Branching databases and creating databases	Making music on Garageband
	Producing a wiki	Presenting the Weather	Producing digital music
	Select, use and combine a variety of software	Understand computer networks including the	Select, use and combine a variety of
	(including internet services) on a range of digital	internet and the opportunities they offer for	software (including internet services) on a
	devices to design and create a range of programs,	communication and collaboration. Work with	range of digital devices to design and
	systems and content that accomplish given goals,	variables and various forms of input and output	create a range of programs, systems and
	including collecting, analysing, evaluating and	Use logical reasoning to explain how some	content that accomplish given goals,
	presenting data and information.	simple algorithms work	including collecting, analysing, evaluating
	Solve problems by decomposing them into smaller		and presenting data and information
	parts	Unit 4 - Programmable Robots	Understand computer networks including
	'	Espresso coding	the internet and the opportunities they
	Unit 2 - Research and Publishing	Developing a simple educational game	offer for communication and collaboration
	Use search engines to research a project and	Use sequence in programs, work with variables	
	publish	and various forms of input and output	Unit 6 – Code programming and
	Editing and writing HTML	Use sequence, selection, and repetition in	debugging
	Select, use and combine a variety of software	programs; work with variables and various forms	Outer Space – using coordinates in
	(including internet services) on a range of digital	of input and output. Use logical reasoning to	coding
	devices to design and create a range of content	explain how some simple algorithms work and to	Proto-typing an interactive toy
	and accomplish given goals including collecting,	detect and correct errors in algorithms and	Debug programs that accomplish specific
	analysing, evaluating and presenting information	programs. Select, use and combine a variety of	goals. Use sequence, selection, and
	Use technology safely and responsibly recognise	software to design and create content that	repetition in programs; work with variables
	acceptable/unacceptable behaviour; identify a	accomplishes given goals including presenting	and various forms of input and output.
	range of ways to report concerns about content	information	Use logical reasoning to explain how
	and contact		some simple algorithms work and to
			detect and correct errors in algorithms
			and programs
RE	Unit L2.3	Unit L2.8	Unit L2.6
	What is the Trinity and why is it important for	What does it mean to be a Hindu in Britain	For Christians, when Jesus left, what
	Christians?	today?	was the impact of Pentecost?
	Recognise what a 'Gospel' is and give an example	Identify the terms dharma, Sanatan Dharma and	Make clear links between the story of
	of the kinds of stories it contains. Describe how	Hinduism and say what they mean.	Pentecost and Christian beliefs about the
	Christians show their beliefs about God the Trinity		'kingdom of God' on Earth and give

	in worship in different ways (in baptism and prayer, for example) and in the way they live  Unit L2.7 What do Hindus believe God is like?	Describe how Hindus show their faith within their families in Britain today, at home and within their faith communities in Britain today (e.g. arti and bhajans at the mandir; in festivals such as Diwali)  Unit L2.5	examples of what Pentecost means to some Christians now. Describe how Christians show their beliefs about the Holy Spirit in worship.  Unit L2.11
	Identify some Hindu deities and say how they help Hindus describe God. Make clear links between some stories (e.g. Svetaketu, Ganesh, Diwali) and what Hindus believe about God. Offer informed suggestions about what Hindu murtis express about God and identify some different ways in which Hindu's worship.	Why do Christians call the day Jesus died Good Friday? Recognise the word 'Salvation', and that Christians believe Jesus came to 'save' or 'rescue' people. Give examples of what Christians say about the importance of the events of Holy Week and describe how Christians show their beliefs about Jesus in worship in different ways.	(Curriculum Kernrwek CK4RE) How and why do Cornish people mark the significant events of their life? Identify annual festivals that are unique to Cornwall and explain how they started Identify some differences in how people celebrate community life e.g. different practices in local festivals and traditions
PE	Hockey To control the ball whilst moving and pass and receive it in a game situation.  Basketball To move into space whilst dribbling a basketball and pass and receive a ball from a partner with accuracy in game 5v5 game of basketball	Swimming 2 To swim 10m on the front and back using a reasonable technique and a recognised arm recovery. To swim at least 10m using 3 changes of direction without touching the side or pool bottom.  Gymnastics To create a sequence of 6 - 8 elements using the floor and apparatus which includes both symmetrical and asymmetrical elements and a start and finish position.	Tennis To play a competitive tennis game using the following skills: to control a tennis ball with a tennis racket, to play a forehand and backhand tennis shot, be able to serve consistently into an area and use some tactics in gameplay  OAA To complete the course using a map to find the controls. To work cooperatively with my partner / group to complete the challenges.
		Dance To create and perform a dance individually, as a pair or as part of a small group which has 3 sections within it. To perform movements to start and finish at the same time as my friends. To include unison and canon within dance.	
MFL	Revisit simple vocabulary Pupils are introduced to useful vocabulary of the days of the week, months of the year and numbers.	From Head to Toe - Eric Carle An introduction to useful vocabulary from the story 'from Head to toe – body parts and actions – and then introduce to the story in video format.	Instruments in music used within Spanish music.  Become familiar with different instruments and traditional Spanish music. To give

Christmas To revisit Christmas vocabulary from previous years learning. Learning a Christmas song in Spanish	Developing memory and practising pronunciation, to feel confident to retell the story in one of a variety of verbal ways.  Old Macdonald  To write one or two new versus based on animals they have encountered in the book from head to toe.	reasons why, using 'porque' (because). To be confident in using verbs of opinion 'gustar' (to like) & 'encantar' (to love). Understand the adjectives used to describe things must match the number & gender of the thing they describe.
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