

Year:	Y4	Term:	Spring 1	Learning Challenge question	What happens to the food we eat?	MTP
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global goal

	Maths	English			Science			
					Working Scientifically			
		Reading	Writing	Speaking & Listening	Observing over time	Pattern seeking/ Fair testing	Classification and identification	Research
Prior Learning	3AS–1, 2, 3 and 3AS–1 from the Ready to Progress Criteria Assessment	Learning from digestion science topic						
Pre & post assessments	Assessments 4MD–1, 2, 3 4F–1 ,2,3		Cold writes					
	Assessments 4MD–1, 2, 3 4F–1 ,2,3		Hot writes					
Unit assessment	Journaling Ongoing teacher assessment	VIPERS questioning	Biweekly hot write Ongoing teacher assessment					
1	1. LQ: How can I multiply 3-digit numbers with renaming? 2. LQ: What do I need to be able to do to divide with a remainder?	Gut Garden by Katie Brosnan LQ: Can I predict the title? LQ: Can I explain the purpose of a blurb?	Fiction – Fantasy Story- Leon and the between Hook: Fantasy Stories Fantasy story- Cold Write				Title Page / Pre-learning: Draw the Digestive System Label and annotate Purple Pen: What did we get correct/wrong?	Hook: Making the Digestive System (Children to complete)

2	<p>1.LQ: How can I explore dividing with a remainder further?</p> <p>2. Chapter consolidation and post-assessment</p> <p>Chapter 5- Graphs</p> <p>3. Pre-learning assessment and drawing and reading pictographs and bar graphs</p> <p>4. LQ: How do I draw and read bar graphs?</p>	<p>Gut Garden by Katie Brosnan</p> <p>LQ: How can I use a dictionary to find the definition of new vocabulary?</p> <p>LQ: Can I retrieve information I have read?</p> <p>LQ: Can I summarise information I have read?</p>	<p>LQ: How can I orally rehearse and text map a Fantasy Story?</p> <p>LQ: What is a pronoun? (Describe the magician character)</p> <p>LQ: How can I use apostrophes to show possession?</p> <p>LQ: How will I use direct speech in my fantasy story?</p>				LQ: How can I name and locate the different organs in the Digestive System?	LQ: How can I know and identify the simple functions of teeth?
3	<p>1. LQ: How can I draw and read line graphs?</p> <p>2. LQ: How can I draw and read line graphs?</p> <p>3. Q: How can I explore drawing and reading line graphs further?</p> <p>4. Chapter consolidation/post learning</p>	<p>Gut Garden by Katie Brosnan</p> <p>LQ: Can I sequence information I have read?</p> <p>LQ: Can I use my retrieval and explaining skills?</p> <p>LQ: Can I use my retrieval skills to compare the small and large intestine?</p>	<p>LQ: How will I describe my fantasy setting? (recap expanded noun phrases and fronted adverbials)</p> <p>LQ: What are the features of a fantasy story?</p> <p>LQ: What tools will help me write a fantasy story?</p> <p>LQ: How can I plan my fantasy story?</p>				LQ: What is the structure of teeth?	Names, function and appearance of different teeth.
4	<p>Chapter 6- Fractions</p> <p>4. Pre-learning assessment and introduction into fractions</p> <p>1.LQ: How can I count in hundredths?</p>	<p>Gut Garden by Katie Brosnan</p> <p>LQ: Can I explain how meaning is enhanced by choice of</p>	<p>LQ: How can I write a fantasy story? (2 sessions)</p> <p>LQ: How can I</p>				Mid-term assessment Using given materials to construct the digestive system and show its	Mid-term assessment Using given materials to construct the digestive system and show its

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	<p>2. LQ: How can I write fractions using mixed numbers?</p> <p>3. LQ: How do I show mixed numbers on a numberline?</p> <p>4. How do I find equivalent fractions?</p> <p>Moved to Mon - active maths session and assessment on Mon</p>	<p>language?</p> <p>LQ: Can I retrieve information and justify my opinion?</p> <p>LQ: Can I use the text to sequence information?</p>	<p>edit a fantasy story?</p> <p>Non-Fiction – Explanation Text – Pie Corbett: Cat Feeding Machine</p> <p>Cold task- Explanation text: How to look after your teeth.</p> <p>Extra given day given to planning/edit</p>				functions	functions
5	<p>4. How do I find equivalent fractions?</p> <p>moved from last week</p> <p>1.LQ: How can I explore finding equivalent fractions further?</p> <p>2. LQ: How do I simplify mixed numbers?</p> <p>3.. LQ: How do I simplify improper fractions?</p> <p>Number Day Friday</p> <p>moved to next week for number day fri</p> <p>4. How can I add fractions?</p>	<p>Gut Garden by Katie Brosnan</p> <p>LQ: Can I write a review of Gut Garden?</p> <p>LQ: Can I write a review of Gut Garden?</p> <p>LQ: How can I explore suspenseful vocabulary?</p>	<p>Cold task- Explanation text: How to look after your teeth.</p> <p>LQ: What is an explanation text?</p> <p>LQ: How can I story-map the Cat Feeding Machine?</p> <p>LQ: How can I compare a range of Explanation Texts?</p> <p>LQ: What are the features of an Explanation Text? (including toolkit) - moved to next week</p>				LQ: How can I plan an investigation to find out how different substances effect our teeth?	LQ: How can I plan an investigation to find out how different substances effect our teeth?

6	Residential week Friday- LQ: How do I add fractions?	Residential week	LQ: What are the features of an Explanation Text? (including toolkit) Residential week LQ: How can I plan my explanation text? (including recapping sentence types)				LQ: How can I plan an investigation to find out how different substances effect our teeth?	LQ: What should I do to look after my teeth?
7	1.How do I add fractions? 2. How do I subtract fractions 3. How do I subtract fractions? 4. Chapter consolidation/ Journaling lesson.	Tanvi's garden LQ: Can I identify and understand new vocabulary? LQ: Can I answer inference questions?	LQ: How can I write an explanation text? (2 sessions) LQ: How can I write and edit an explanation text?				LQ: What are the similarities and differences between herbivore and carnivore teeth? completed 01.02.23 4H Arm session	End of topic assessment / evaluation – interview with an organ
End of unit assessment	See above						Revisit prior assessment and address misconceptions – what was right/wrong? Show off learning by presenting using t-shirts.	

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	Geography	History	DT	Art	Computing	PSHE
Prior Learning			Seasonality in y3 STEM Week (cous cous salad)		Use sequence ... in programs; work with variables and various forms of input and output. Build up resilience and strategies for problem solving.	
Pre & post assessments					To create a piece of music on garageband and post on Seesaw	
			Create a healthy pizza and evaluate the ingredients and how they are healthy and balanced.		Create a piece of music on Garageband and talk about how the different features used to composed it	
Unit assessment			Create a healthy pizza.		Creation	
1			No lesson		What is GarageBand?	
2			Pizza tasting - different toppings, healthy and unhealthy. Evaluate their appearance, taste, texture, smell, if they are healthy/unhealthy.		How do I use Smart Strings and Smart Drums?	

			Create an explanation for Seesaw.			
3			Introduce Esposito (create the margarita pizza) Seasonal foods, toppings, whats grown and caught. pepperoni (did you know what it is made from?)		How can I compose a soundtrack to a fantasy story? Which sounds will I record using the microphone?	
4	Can I name the 6 main cities in the UK and locate them on a map?		Pizza dough for a margarita pizza. kneading, measuring, grating. Following instructions, hygiene.		How can I compose a soundtrack to a fantasy story? What are loops and samples?	
5	Can I use a map to locate different countries and continents?		Design - Exploded diagram. A balanced diet pizza for a pizza party. Protein, fats, carbohydrates and fibre.		How can I compose a soundtrack to a fantasy story? What improvements will I make to my composition?	What does discrimination mean to you? What does it look like? When would you see it?
6		Residential week	Residential week		What is touch typing and how can this help me when using a keyboard?	What does discrimination mean to you? What does it look like? When would you see it?
7		Can I research how humans have looked after their teeth over time from the Stone Age to the Greeks to present day?	Make and evaluate - Make their pizzas and evaluate their appearance, taste, texture, smell, if they are healthy/unhealthy.		How will I stay safe when using the internet?	
End of Unit assessment			The children will design and make a balanced diet pizza.		The children will use Garageband to compose a soundtrack to a video.	

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	Music	RE	PE		Languages
			Games	Dance / Gymnastics	
Prior Learning	Singing in class and assemblies Listening to others whilst performing Listening to and appreciating music Creating music in music lessons				Parts of the body.
Pre & post assessments	Rivers (Changes in pitch, tempo & dynamics) https://www.kapowprimary.com/subjects/music/lower-key-stage-2/year-4/pitch-dynamics-tempo/	Kagan scrapbooks - what do we already know/think about Buddhism?			
		Revisit scrapbook (purple pen) Blooket quiz - what have we learnt in this unit?			
Unit assessment			Fitness	Synchronising and Canon	Spanish role-playing.
1	No lesson - New Year's Day	SECOND CAROUSEL GROUP FINISHING PREVIOUS UNIT	The children are going to gain an understanding of what basic stamina is by sustaining physical exercise over a period of time. LQ: What is happening to your heart when you are	The children are going to be introduced to the apparatus with a focus on jumping. The children are going to perform 2	LQ: What are the nouns for family members?

			exercising?	different jumps at different heights (Tuck & Straddle). LQ: Can you name 2 different jumps you can perform from a piece of apparatus?	
2	Lesson 1: The singing river Sing in two parts using expression and dynamics	Why Is Buddhism special?	The children are going to perform a muscular endurance circuit where they will gain an understanding of what muscular endurance is and how improve it. LQ: What is muscular endurance and how can we get better?	Continuing from last week's lesson the children are going to perform their jumps but in addition they are going to extend their routine with additional actions (Rolls, balances) . LQ: What can we do in addition to a jump to continue our sequence?	LQ: How do I ask "who is it?" and respond with a family member?
3	Lesson 2: The listening river Recognise key elements of music	Where is Buddhism practised around the world? (Chinese New Year)	The children are going to be introduced to the term plyometric training. They will gain an understanding of what it is and perform a range of exercises. LQ: What does the term plyometric training involve?	The children are going to develop their sequence thinking about different ways of moving but with a focus on execution. LQ: When landing off a piece of apparatus, what should we do?	LQ: What are the names for parts of the face in Spanish?
4	Lesson 3: The repeating river Perform a vocal ostinato	How did The Four Sights affect Siddhartha's choices?	The children will be introduced to explosive power exercises for example, sprinting and throwing heavy objects. LQ: What is explosive power and how can it help with sports we play?	The children are going to develop their sequencing with at least 3 different actions. LQ: when combining actions in a sequence what is important?	LQ: How do I say the names of body parts in Spanish?

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5	Lesson 4: The percussive river Create and perform an ostinato	Why is Vesak such an important date in the Buddhist calendar?	The children will be tested in endurance and muscular endurance to see if they have improved over the 6 - week period. LQ: Do you feel any different after these tests than you did after week 1s tests?	The children are going to create a routine in a small group, ensuring at all times the group is synchronised and active. LQ: What makes an effective team?	LQ:How can I remember parts of the body and explain why I don't feel well or what hurts?	
6	Lesson 5: The performing river Improve and perform a piece of music based around ostinatos	How and why do Buddhists pay respect to the Buddha?	Cardiovascular test = Bleep test Muscular endurance test	Final session the children are going to perform routines thinking about all the different aspects of gymnastics - In addition, children will judge each other's work LQ: When judging a performance what are the key elements to look out for?	LQ: What would you say in a doctor's office?	
7	Students perform in small groups to demonstrate skills learned, and videos are put onto seesaw	Revisit the question "Why is Buddhism special?" Add to pre-learn activity and Blooket quiz		The children should have a basic understanding of all pieces of apparatus and be able to perform different jumpings, balances and routines with good execution. In addition, children should be able to judge a piece of work and be able to pick out good and improvements required.	LQ: What would treatment for illness be and where might it take place?	

<p>End of Unit Assessment</p>	<p>By the end of the half term, a secure student will be able to:</p> <p>Sing in tune and in harmony with others, with developing breath control</p> <p>Explain how a piece of music makes them feel with some use of musical terminology</p> <p>Perform a vocal ostinato in time</p> <p>Listen to other members in their group as they perform</p> <p>Create an ostinato and represent it on paper so that they can remember it</p> <p>Create and perform a piece with a variety of ostinati</p>	<p>Revisit pre-learn activity & Blooket quiz</p>	<p>The children should have a basic understanding of how to improve cardiovascular endurance and muscular endurance levels. They should also understand the term plyometric training and be able to demonstrate different exercises which target different muscles.</p>		<p>The children should have knowledge of words for body parts and vocabulary used for describing they are hurt or in pain. They will also, through role-play, be able to understand basic treatment commands: medicine, hospital and rest.</p>