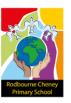


In our whole school curriculum, we have five ambitions for our curriculum intent and these are at the core of what we do across the school. We call these our Golden Threads. It is important that these threads are embedded in our whole school curriculum, and are also a common dominator in all that we do.





School context:

Our FSM is higher than national and Swindon averages.

Our children are from predominantly white, working-class families.

Our demographic survey shows:

42% of our children from financially stretched or low-income families.

57% of our families live in the in the most 30% of deprived postcodes in the UK.

Our Acorn study shows that:

There is a higher proportion of single parents than the base.

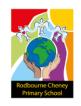
Financial profile shows more families making ends meet/ struggling than the base.

Number 1 Dominant Acorn Group titled 'Limited Budgets'. 23% of our families fall into this category compared to 5% base.

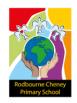
20% of our demographic have an income less than 20K (the lowest grade measured).

We have to ensure our children leave our school having had a high-quality, ambitious and well-planned curriculum. This means that all of our children, no matter what their starting points are, will achieve their best not only at our school, but in their future education setting, and then in working and adult life.

Whole School			Science	
	Whole School Golden Thread	Why this is important?	Golden thread in my subject	Impact of this Golden thread in my
				subject
1.	Love of reading and	We know that we need to develop the	-In Science staff and children will read	-Our children enjoy reading and share a
	books	children's reading, language and oracy	fiction and non-fiction books related	love of reading fiction and non-fiction
		to ensure they have the best possible	to different Science topics.	books.
		outcomes. Reading and language is a		-Our children are fluent and accurate
		crucial aspect to learning. Studies		readers and are able to apply their
		have proven that reading and		Phonics learning when appropriate.
		language acquisition are key to all		-Our children learn new language through
		elements of learning, and later life.		science.



		It is essential that we encourage		-Our children are able to comprehend
		children to love books, teach them to		and share their understanding of what
		be able readers and ensure they have		they have read.
		a good understanding of vocabulary and language.		
2.	Oracy-rich	Research shows that oracy is key to	-In Science children are able to	-Our children are confident speakers and
۷.	opportunities	high performers. Research also shows	develop their oracy through	listeners during Science lessons.
	оррогинисэ	that children, especially boys, benefit	classroom discussions and during	-Our children are able to share what they
		from drama and oracy opportunities	individual, group and whole class	have learned.
		to plan and gain increased	work.	-Our children are able to confidently
		understanding. It is essential that	-Children are given opportunities to	share their views and opinions.
		oracy opportunities are across all	link Science learning to their own	
		subjects and all phases.	experiences and ideas about current	
			topics.	
3.	Sound understanding	Research has proven that children	-In Science children talk about the	-Our children leave our school with a
	of key vocabulary and	from lower socio-economic	meaning of new words in every	developed knowledge of vocabulary.
	language	backgrounds have a word gap, and	lesson.	-All of our children have the same
		also have less vocabulary than their	-Children recap language learned in	starting point in their learning.
		peers. To ensure cultural capital of	previous Science lessons in every	-Our children make progress in Science
		our children, we need to enable our	lesson. Time will be spent talking	and share an interest in Science.
		children to have sound understanding of vocabulary.	about these words and putting them into context. The words will be	
		or vocabulary.	recapped over each term to ensure	
			meanings are embedded.	
4.	Confident and	Being confident will help our children	-In Science children take part in	-Our children are confident to face
	enthusiastic learners	with their learning; not being afraid to	classroom discussions and share new	challenges and new learning.
		make mistakes or to give things a go.	things. Children work in a variety of	-Our children know that it is okay to
		They will be confident with their	ways; independently, in pairs, small	make a mistake and can use learnt
		friends and this will help them achieve	groups and whole class discussion.	strategies to try again.
		in their next stage of life. This links to	-Children are always encouraged to	-Our children demonstrate our school
		the children having good self-esteem,	have a go and understand that	rules and values during Science lessons.
		which will encourage RCPS children to	making mistakes is okay.	



5.	Problem solving, learning hooks and themed days.	try new things and find their passion, which will allow them to develop a sense of identity and build confidence in facing whatever comes their way. It's important that our children are enthusiastic learners, who want to know and remember more. If our children are excited and enthused about their learning, they will be actively engaged and in turn display excellent learning behaviours which also maximises learning. By solving problems, our children will be happy, confident and independent learners. They will be able to make sense of, and understand, the world around them. They can make connections and they can apply this to other areas of life through new experiences. Enrichment of learning is key! This gives our children cultural capital to their learning, and also means that they will enjoy their learning more. If children enjoy their learning, they will be more engaged and actively participate in lessons and experiences.	-Our Science curriculum promotes curiosity and deepens the children's knowledge and understanding of the world. This enables the children to express their views and solve problemsEvery lesson will include a Science related hook from explorifyVisitors will be invited into school to share information about different topics and strong links will be made with the community to provide opportunities for our children.	-Our children are confident to face problems and challenges dailyChildren are able to apply their oracy and language skills into explaining results of an experiment -Our children are immersed and engaged into our school curriculum -Our children leave our school as problem solvers.
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By focusing on these Golden Threads, we can ensure that the children in our school are happy, healthy and prepared for the next stage of their education or career.

