3D - Discovery Curriculum -

Please Use CPA Approach (Whiterose training to be provided)

Concrete Pictorial Abstract

Coverage: Number-Shape-Using and applying.(Coverage WPS p4-P6)

Year	2022 – 2023 Autumn 1	2022 – 2023 Autumn 2	2022 – 2023 Spring 1	2022 – 2023 Spring 2	2022 – 2023 Summer 1	2022 – 2023 Summer 2
	Topic:	Topic:	Topic:	Topic:	Topic:	Topic:
	Number Place value. Addition and subtraction (within 5)- or appropriate level. Shape, space and Geometry. Measurement-money	Number Place value within 10-or appropriate level Addition and subtraction (within 10). Shape, space and Geometry. Measurement- Time-	Number Place value within 15-or appropriate level Addition and subtraction (within 15). Shape, space and Geometry-Using and applying	Number place value. Number addition and subtraction (within 20) Data and statistics Shape, space and Geometry statistics. Measure and capacity.	Number Place value Number-multiplication and division Fractions. Suggested Key Questions: What is doubling?	Number doubling and halving Measurement-money Measurement- Time Suggested Key
	Suggested Key Questions: Can you add certain numbers together? Key Skills and Knowledge:	Suggested Key Questions: With support can you tell someone one thing that you do in the morning?	applying. Geometry - Shape, Position & Direction Measurement- mass/weight Suggested Key Questions:	Suggested Key Questions: Can you add ceratin numbers together? Can you do a tally notaion correctly?	What is halving? What happens when you double a certain number? What happens when you half a certain number? Key Skills and	Questions: Can you count in two to 10. Are you able to identify your odd and even numbers within 10. Can you tell events in the day? Can you recognize all
	With Support I can copy a simple line pattern. I can copy a simple clapping or drumming pattern.	Key Skills and Knowledge: With Support Join in with less familiar number rhymes, songs, stories and games up to	Can you add ceratin numbers together? How heavy is this object? Key Skills and Knowledge:	Key Skills and Knowledge: With Support	Knowledge: With Support Be able to count and order whole numbers up to 10.	British coins? With Support Key Skills and Knowledge:

	I can join in with less familiar number rhymes, songs, stories and games up to 5. Recognise British coins in everyday use.	5-10 with some independence. Pupils join in rote counting Use language associated with time e.g. morning.	With Support I can join in with less familiar number rhymes, songs, stories and games up to 5-15 with more independence. I can manipulate 3D shapes in practical activities e.g. building towers, rolling tubes. I can indicate to a sign, symbol or word that describes the preposition 'in/inside'. I can respond to a request	Pupils are taught half and quarter as 'fractions of' discrete and continuous quantities by solving problems using shapes, objects and quantities Be able to extract information. Be able to sort and classify objects.	Be able to read and write numbers. Be able to compare whole numbers Start to think about halves. I can see half of a shape.	Use language associated with time e.g. morning, afternoon. I can sort two sets of objects where the difference is not great e.g. 10p and 5p coins.
Links to Gatsby Benchmarks:	Benchmark 2. Student find potential careers paths that they can link to mathematics and their current topic.	Benchmark 2. Student find potential careers paths that they can link to mathematics and their current topic.	Benchmark 2. Student find potential careers paths that they can link to mathematics and their current topic.	Benchmark 2. Student find potential careers paths that they can link to mathematics and their current topic.	Benchmark 2. Student find potential careers paths that they can link to mathematics and their current topic.	Benchmark 2. Student find potential careers paths that they can link to mathematics and their current topic.