



Discovery

Discovery Curriculum - Semi Formal

- Our semi-formal curriculum for children with complex needs, autism and severe learning difficulties.
- Focus is on **Communication** and basic fundamental Literacy and Numeracy skills
- At KS4 and KS5 Pre Entry qualification pathways are in place.
- Phonics, Early Literacy and Numeracy. Self Help, Personal Progress.
- Fine and Gross Motor and pre entry skills.

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	2021 – 2022 Autumn 1 Unit 1	2021 – 2022 Autumn 2 Unit 2	2021 – 2022 Spring 1 Unit 3	2021 – 2022 Spring 2 Unit 4	2021 – 2022 Summer 1 Unit 5	2021 – 2022 Summer 2 Unit 6
	<p>Topic:</p> <p>Number Place value. Addition and subtraction (within 5)- or appropriate level. Shape, space and Geometry. Measurement-money</p> <p>Suggested Key Questions: Can you add certain numbers together?</p> <p>Key Skills and Knowledge:</p> <p>With Support</p>	<p>Topic:</p> <p>Number Place value within 10-or appropriate level Addition and subtraction (within 10). Shape, space and Geometry. Measurement- Time-</p> <p>Suggested Key Questions: With support can you tell someone one thing that you do in the morning?</p> <p>Key Skills and Knowledge:</p> <p>With Support</p>	<p>Topic:</p> <p>Number Place value within 15-or appropriate level Addition and subtraction (within 15). Shape, space and Geometry-Using and applying. Geometry - Shape, Position & Direction Measurement-mass/weight</p> <p>Suggested Key Questions: Can you add certain numbers together?</p>	<p>Topic:</p> <p>Number place value. Number addition and subtraction (within 20) Data and statistics Shape, space and Geometry statistics. Measure and capacity.</p> <p>Suggested Key Questions: Can you add certain numbers together? Can you do a tally notation correctly?</p>	<p>Topic:</p> <p>Number Place value Number-multiplication and division Fractions.</p> <p>Suggested Key Questions: What is doubling? What is halving? What happens when you double a certain number? What happens when you half a certain number?</p> <p>Key Skills and Knowledge:</p> <p>With Support</p>	<p>Topic:</p> <p>Number doubling and halving Measurement-money Measurement- Time-</p> <p>Suggested Key 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 British coins?</p> <p>With Support</p>

	<p>I can copy a simple line pattern. I can copy a simple clapping or drumming pattern. I can join in with less familiar number rhymes, songs, stories and games up to 5.</p> <p>Recognise British coins in everyday use.</p>	<p><u>With Support</u></p> <p>Join in with less familiar number rhymes, songs, stories and games up to 5-10 with some independence.</p> <p>Pupils join in rote counting</p> <p>Use language associated with time e.g. morning.</p>	<p>How heavy is this object?</p> <p><u>Key Skills and Knowledge:</u></p> <p><u>With Support</u></p> <p>I can join in with less familiar number rhymes, songs, stories and games up to 5-15 with more independence.</p> <p>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</p>	<p><u>Key Skills and Knowledge:</u></p> <p><u>With Support</u></p> <p>Pupils are taught half and quarter as 'fractions of' discrete and continuous quantities by solving problems using shapes, objects and quantities</p> <p>Be able to extract information.</p> <p>Be able to sort and classify objects.</p>	<p>Be able to count and order whole numbers up to 10. Be able to read and write numbers. Be able to compare whole numbers</p> <p>Start to think about halves. I can see half of a shape.</p>	<p><u>Key Skills and Knowledge:</u></p> <p>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.</p>
<p>Links to Gatsby Benchmarks:</p>	<p>Benchmark 2. Student find potential careers paths that they can link to mathematics and their current topic.</p>	<p>Benchmark 2. Student find potential careers paths that they can link to mathematics and their current topic.</p>	<p>Benchmark 2. Student find potential careers paths that they can link to mathematics and their current topic.</p>	<p>Benchmark 2. Student find potential careers paths that they can link to mathematics and their current topic.</p>	<p>Benchmark 2. Student find potential careers paths that they can link to mathematics and their current topic.</p>	<p>Benchmark 2. Student find potential careers paths that they can link to mathematics and their current topic.</p>