



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.

4D - Discovery Curriculum –

Please Use CPA Approach (Whitrose training to be provided)

Concrete

Pictorial

Abstract

Coverage: Number-Shape-Using and applying.(Coverage WPS P5-P7)

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 10)-or appropriate level. Shape, space and Geometry. Measurement-money</p> <p>Suggested Key Questions: With some independence can you add certain numbers together?</p> <p>Key Skills and Knowledge:</p>	<p>Topic:</p> <p>Number Place value within 15-or appropriate level Addition and subtraction (within 15). Shape, space and Geometry. Measurement- Time-</p> <p>Suggested Key Questions: With some independence can you tell someone one thing that you do in the morning?</p>	<p>Topic:</p> <p>Number Place value within 15-or appropriate level Addition and subtraction (within 20). Shape, space and Geometry-Using and applying. Geometry - Shape, Position & Direction Measurement-mass/weight</p> <p>Suggested Key Questions: With some independence I can add</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: With some independence 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:</p> <p>With some independence can double a certain number?</p> <p>Key Skills and Knowledge:</p> <p>Some independence Support</p>	<p>Topic:</p> <p>Number doubling and halving reinforced. Measurement-money Measurement- Time-</p> <p>Suggested Key Questions: With some independence can identify odd and even numbers.. Can you tell events in the day? With some independence can you recognize all British coins?</p>

	<p><u>Some independence Support</u> Use appropriate objects or number line to add single-digit numbers up to 20.</p> <p>Recognise British coins in everyday use. Know that £1 is 100p, £2 is 200p, etc.</p>	<p><u>Key Skills and Knowledge: Some independence Support</u></p> <p>Sort and classify shapes using language related to angles and sides e.g. straight, right angle, acute, obtuse, curved, corners, perpendicular, parallel, arc. Know and use names for basic shapes e.g. triangle, rectangle, square, circle.</p> <p>Know and use the fact that there are 60 minutes in an hour to find the end time for a planned activity starting at a given time.</p>	<p>certain numbers together? How heavy is this object?</p> <p><u>Key Skills and Knowledge: Some independence Support</u></p> <p>Visually compare lengths, understand and use terms such as longer than, longest, shorter than, shortest. Compare weights of common objects including using terms such as heavier than, lighter than, heaviest, lightest.</p>	<p><u>Key Skills and Knowledge: Some independence Support</u></p> <p>Write, order and compare whole numbers up to 100. Know the value of each digit in a two-digit number</p> <p>Sort and classify objects using a single criterion defined using every day language. Tally objects using recognised notation.</p>	<p>Know and use multiplication of numbers up to 10 by 2. Understand and use the term 'double'.</p> <p>Recognise the odd and even numbers from 1 to 20.</p>	<p><u>Key Skills and Knowledge: Some independence Support</u></p> <p>Use £ and p notation. Select coins equivalent to an amount of money up to £5. Order collection of coins and notes. Give change from £5.</p> <p>Read and write time for digital clocks (in hours and in fifteen minute intervals). Understand and use common time phrases such as quarter past ten, half past three, quarter to five, etc.</p>
Links to Gatsby Benchmarks:	Benchmark 2. Student find potential careers paths that they can link to mathematics and their current topic. Teacher to make teaching personal to the needs of the student.	Benchmark 4 Teacher to make teaching personal to the needs of the student.	Benchmark 2. Student find potential careers paths that they can link to mathematics and their current topic. Teacher to make teaching personal to the needs of the student.	Benchmark 2. Student find potential careers paths that they can link to mathematics and their current topic. Teacher to make teaching personal to the needs of the student.	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.