**Year 6 Lynnfield Apparatus - Maths**

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| **Year 6** | **Autumn** | **Spring** | **Summer** |
| **Objectives** | **Egyptians****‘Can you walk like an Egyptian?’ - History (Healthy eaters)** | **The Amazon Rainforest****‘Deforestation’ – How WOOD you like it?’ - Geography(Healthy movers)** | **Every BODY changes****‘Can you embrace change?’- Science (Healthy thinkers)** |
| NPVR | * Working with numbers up to 10,000,000
* Numberline
* Cubes
* Place value 1s, 10s and 100s counters
* Base ten 1s, 10s, 100s and 1000s
* Counters
* Arrow cards
* Pictorial representations
 | * Working with numbers up to 10,000,000
* Numberline
* Cubes
* Place value 1s, 10s and 100s counters
* Base ten 1s, 10s, 100s and 1000s
* Counters
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 | * Working with numbers up to 10,000,000
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* Cubes
* Place value 1s, 10s and 100s counters
* Base ten 1s, 10s, 100s and 1000s
* Counters
* Arrow cards
* Pictorial representations.
 |
| ASMD | * Concrete objects
* Pictorial representations
* Column addition
* Column subtraction
* Mental methods
* Formal written method for multiplication
* Long division
* Short division
* Factors
* Multiples
* Prime numbers
 | * Concrete objects
* Pictorial representations
* Column addition
* Column subtraction
* Mental methods
* Formal written method for multiplication
* Long division
* Short division
* Factors
* Multiples
* Prime numbers
 | * Concrete objects
* Pictorial representations
* Column addition
* Column subtraction
* Mental methods
* Formal written method for multiplication
* Long division
* Short division
* Factors
* Multiples
* Prime numbers
 |
| F | * Linear number sequences
* Fraction finders
* Fraction walls
* Concrete objects
* Pictorial representations
* Place value counters 0.01s and 0.01s.
 | * Linear number sequences
* Fraction finders
* Fraction walls
* Concrete objects
* Pictorial representations
* Place value counters 0.01s and 0.01s.
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| Al |  | * Use simple formulae
* Generate and describe linear number sequences.
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| R&P |  | * Multiplication and division methods
* Concrete objects
* Pictorial representations
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| M |  | * Rulers
* Metre sticks
* Scales
* Weights
* Scales
* Meauring vessels
* 2d shapes
* Area
* Volume
 |  |
| Sh |  |  | * 2d shapes
* 3d shapes
* Protractors
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| P&D | * Co-ordinate grids
* Four quadrants
* Coordinate plane with axis
 |  |  |
| St |  |  | * Radius
* Diameter
* Circumference
* Pie charts
* Line graph
* Mean
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