Student Personalised Learning Checklist

Level 1 Award in Number & Measure

**Module1:Number size and rounding**

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| --- | --- | --- | --- |
| Can I …….. | **R** | **A** | **G** |
| Read positive whole numbers up to 1000? |  |  |  |
| Write positive whole numbers up to 1000? |  |  |  |
| Order positive whole numbers up to 1000? |  |  |  |
| Compare positive whole numbers up to 1000? |  |  |  |
| Multiply whole numbers by 10? |  |  |  |
| Multiply whole numbers by 100? |  |  |  |
| Multiply whole numbers by 1000? |  |  |  |
| Divide whole numbers by 10?  |  |  |  |
| Divide whole numbers by 100? |  |  |  |
| Divide whole numbers by 1000? |  |  |  |
| Remember multiplication facts up to 10 × 10? |  |  |  |
| Remember division facts up to 10 × 10? |  |  |  |
| Round whole numbers to the nearest 10? |  |  |  |
| Round whole numbers to the nearest 100? |  |  |  |
| Round whole numbers to the nearest 1000? |  |  |  |
| Read amounts of money? |  |  |  |
| Order amounts of money? |  |  |  |
| Compare amounts of money? |  |  |  |

 

**Module 2: Integers and the 4 rules**

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| Can I …….. | **R** | **A** | **G** |
| Add positive whole numbers? |  |  |  |
| Subtract positive whole numbers? |  |  |  |
| Multiply positive whole numbers by a single digit (for non-calculator section)? |  |  |  |
| Divide positive whole numbers by a single digit (for non-calculator section)? |  |  |  |
| Understand negative numbers and use a number line to order? |  |  |  |
| Add negative numbers? |  |  |  |
| Subtract negative numbers? |  |  |  |
| Round decimals to one decimal place? |  |  |  |
| Round decimals to nearest whole number? |  |  |  |
| Round money in calculations to the nearest penny? |  |  |  |
| Check solutions to questions and problems by thinking about whether the answer is sensible? |  |  |  |
| Add quantities of money? |  |  |  |
| Subtract quantities of money? |  |  |  |
| Multiply quantities of money? |  |  |  |
| Divide quantities of money? |  |  |  |

**Module 3: Decimals**

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| Can I …….. | **R** | **A** | **G** |
| Read decimals up to two decimal places and understand place value? |  |  |  |
| Write decimals up to two decimal places and understand place value? |  |  |  |
| Order decimals up to two decimal places and understand place value? |  |  |  |
| Compare decimals up to two decimal places and understand place value? |  |  |  |
| Add decimals up to two decimal places? |  |  |  |
| Subtract decimals up to two decimal places? |  |  |  |
| Multiply decimals with up to two decimal places (by single digit whole number for non-calculator section)? |  |  |  |
| Divide decimals with up to two decimal places using a calculator? |  |  |  |
| Round decimals to one decimal place and the nearest whole number? |  |  |  |

**Topic: Measurement - Module 4: Reading Scales**

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| Can I …….. | **R** | **A** | **G** |
| Know and use units of measure for length including metric and imperial units eg imperial units include miles, inches, feet?  |  |  |  |
| Know and use units of measure for weight, including metric and imperial units eg imperial units including pounds?  |  |  |  |
| Know and use units of measure for capacity including metric and imperial units eg imperial units including gallons and pints? |  |  |  |
| Know and use units of measure for angles? |  |  |  |
| Know and use units of measure for temperature including Celsius and Fahrenheit? |  |  |  |
| Read integer scales? |  |  |  |
| Draw angles, accurate to the nearest degree? |  |  |  |
|  Measure angles accurate to the nearest degree |  |  |  |
| Draw lines accurate to the nearest cm? |  |  |  |
| Measure lines accurate to the nearest cm?  |  |  |  |

**Module 5: Converting Units**

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| Can I …….. | **R** | **A** | **G** |
| Add units of measure? |  |  |  |
| Subtract units of measure? |  |  |  |
| Convert units of measure in the metric system? |  |  |  |

**Module 6:Tables and Charts**

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| Can I …….. | **R** | **A** | **G** |
| Read mileage charts? |  |  |  |
| Read bar charts? |  |  |  |
| Read line graphs? |  |  |  |
| Read currency conversion tables? |  |  |  |
| Read timetables (bus, train and airlines)? |  |  |  |
| Draw mileage charts? |  |  |  |
| Draw bar charts? |  |  |  |
| Draw line graphs? |  |  |  |
| Draw currency conversion tables? |  |  |  |
| Draw timetables (bus, train and airlines)? |  |  |  |

**Module 7: Types of Number**

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| Can I …….. | **R** | **A** | **G** |
| Understand and use multiples? |  |  |  |
| Understand and use factors? |  |  |  |
| Understand and use common factors? |  |  |  |
| Understand and use prime numbers? |  |  |  |

**Module 8: Fractions**

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| Can I …….. | **R** | **A** | **G** |
| Read fractions and mixed numbers? |  |  |  |
| Write fractions and mixed numbers? |  |  |  |
| Order fractions and mixed numbers? |  |  |  |
| Compare fractions and mixed numbers? |  |  |  |
| Use equivalent fractions? |  |  |  |
| Write fractions in their simplest form? |  |  |  |
| Add simple fractions (with the same denominator, excluding mixed fractions)? |  |  |  |
| Subtract simple fractions (with the same denominator, excluding mixed fractions)? |  |  |  |
| Multiply a fraction by a whole number? |  |  |  |
| Find a fraction of a whole number? |  |  |  |

**Module 9: Fractions, decimals and percentages**

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| Can I …….. | **R** | **A** | **G** |
| Change simple fractions to decimals (up to 2 decimal places) eg  ? |  |  |  |
| Change decimals into simple fractions (up to 2 decimal places) eg  ? |  |  |  |
| Read simple percentages, eg 10%, 25%, 20%, 50% and 75%? |  |  |  |
| Write, simple percentages, eg 10%, 25%, 20%, 50% and 75%? |  |  |  |
| Order simple percentages, eg 10%, 25%, 20%, 50% and 75%? |  |  |  |
| Compare simple percentages, eg 10%, 25%, 20%, 50% and 75%? |  |  |  |
| Use equivalencies between decimals, fractions and percentages? eg 25% =  = 0.25 |  |  |  |

**Module 10: Percentages and Applications**

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| --- | --- | --- | --- |
| Can I …….. | **R** | **A** | **G** |
| Work out simple percentages of quantities, including VAT? |  |  |  |
| Work out household finance, utility bills, shopping bills, interest (for 1 year)? |  |  |  |

**Module 11: Perimeter and Area**

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| Can I …….. | **R** | **A** | **G** |
| Work out the perimeter of rectangles? |  |  |  |
| Work out the perimeter of shapes made from rectangles? |  |  |  |
| Work out the area of rectangles? |  |  |  |
| Work out the area of shapes made from rectangles? |  |  |  |

**Module 13: Volume**

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| Can I …….. | **R** | **A** | **G** |
| Work out the volume of a cuboid? |  |  |  |

**Module 12: Time and Timetables**

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| Can I …….. | **R** | **A** | **G** |
| Read time using analogue clocks in 12-hour format? |  |  |  |
| Read time using digital clocks in 12-hour and 24-hour format? |  |  |  |
| Measure time using 12-hour and 24-hour format? |  |  |  |
| Record time using digital clocks in 12-hour and 24-hour format? |  |  |  |
| Record time using analogue clocks?  |  |  |  |
| Use units of time including seconds, minutes, hours, days, weeks, months and years? |  |  |  |
| Work out intervals of time? |  |  |  |
| Convert between units of time eg minutes into hours? |  |  |  |
| Read events on calendars? |  |  |  |
| Measure time on calendars? |  |  |  |
| Record events on calendars? |  |  |  |