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**Long Term Mapping**

**Adult Numeracy**

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| **1 Year Cycle** |
| **Autumn** | **1** | Whole Numbers (EL 1 onwards)  Functional skills practice papers where appropriate |
| **2** | Fractions, Decimals and Percentages (EL2 onwards)  Whole Numbers (EL1 and below)  Functional skills practice papers where appropriate |
| **Spring** | **1** | Common Measures (EL1 onwards)  Functional skills practice papers where appropriate |
| **2** | Shape and Space (EL1 onwards)  Functional skills practice papers where appropriate |
| **Summer** | **1** | Data and Statistical Measures (EL1 onwards)  Functional skills practice papers where appropriate |
| **2** | Whole Numbers (EL1 onwards) |

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| **Further Education Adult Numeracy MEDIUM TERM PLAN** | | | | | | | | | | |
|  | **INTENT;** Mathematics equips students with a uniquely powerful set of tools to understand and change the world in which they live. Learning basic principles of maths is essential to functioning independently within the world. In everyday life we are faced with numbers, from getting the right bus, counting money in a shop to employment. Students will understand and make connections in different areas of maths so they can apply skills to solve problems in a range of contexts. | Area as stated above in term. | |  | |  |  | |  |  |
| **Autumn 1** | | **Autumn 2** | | **Spring 1** | **Spring 2** | | **Summer 1** | **Summer 2** |
| To identify and select numbers in our environment and use these to help us in our lives. | | To know how to recognise and interpret fractions, decimals and percentages functionally. | | To read and understand different units of measure and understand how to use these functionally. | To recognise and use shapes in our environment. | | To read, interpret and compare mathematical information and know that it can be used for different purposes | To understanding how numbers can give us information and we can use this functionally in the world around us. |
| **SUGGESTED FUNCTIONAL ACTIVITIES** *(Choose from or use suitable alternative)* | | | | | | | | |
| Reading numbers in the environment and the community e.g. signs, notices.  Phone numbers  Directions (e.g. go to the third door)  Money  Number lines.  Lists  House numbers | Reductions on items  Reading price labels  Understand prices on a menu  Using a calculator  Read fractions or quantities in a recipe  Directions – units of measure in distance.  Work out wages. | | | Recipes  Following a set of instructions  Making drinks  Using money to pay and get change.  Timetables / marking events on a planner.  Sorting / ordering objects by size.  Understanding use by dates on food.  Calculating cost of activities e.g. cinema.  Setting alarm clock.  Measuring a room. | Traffic signs.  Following directions  Finding shapes in the environment eg. Wallpaper / prints.  Maps  Streetmap.co.uk  Packing items into a space e.g. car  Fill shelves with items. | Find contact numbers from a list.  Sorting bottles for recycling  Writing a shopping list  Arranging books by subject / music by type  Colour coding  League tables (e.g. football)  Holiday brochures.  Sort clothes by size / gender.  Compare temperatures in different countries.  Reading maps  Average age / height of class. | | Read speed limits on signs.  Page numbers  Find a place  Difference in price between two products.  Calculate a total number of items.  Rounding up.  Stock checking |
| **CULTURAL CAPITAL** | | | | | | | | |
| Understanding the world around them. Looking into their community. Developing skills for independence. | | Understanding the world around them. Looking into their community. Developing skills for independence. | | Understanding the world around them. Looking into their community. Developing skills for independence. | Understanding the world around them. Looking into their community. Developing skills for independence. | | Understanding the world around them. Looking into their community. Developing skills for independence. | Understanding the world around them. Looking into their community. Developing skills for independence. |
| **SKILLS** | | | | | | | | |
| Count  Read  Write  Find  Understand  Compare  Present  Interpret  Explain  Estimate  Solve | | | Count  Read  Write  Find  Understand  Solve  Compare  Present  Interpret  Explain  Estimate | Describe  Measure  Compare  Present  Interpret  Explain  Estimate | Make  Build  Construct  Draw  Name  Describe  Compare  Measure | Count  Read  Write  Find  Tally  Sort  Represent  Understand | | Count  Write  Read  Order  Compare  Subtract  Add  Recall  Interpret  Approximate |
| **PREPARATION FOR ADULTHOOD (PfA)** | | | | | | | | |
| **Employment**  **Education** | | | **Independent living**  **Employment**  **Education** | **Independent living**  **Employment**  **Education** | **Independent living**  **Employment**  **Education** | **Independent living**  **Employment**  **Education** | | **Independent living**  **Employment**  **Education** |
| **VOCABULARY EXAMPLES** | | | | | | | | |
| **Number**  **Place Value**  Addition  Subtraction  Multiplication  Division  Equals | | Fractions  Part of a whole  Half  Quarter  Numerator  Denominator  Equal parts | | Length- mm, cm, m  Mass- mg, g, kg  Capacity- ml, cl, l,  Time- 12/24 hour  Money denominations  Standard  Non-standard | Geometry  Properties  2D/3D shapes  Position/direction language  Angles | | Data  Graphs  Survey  Questionnaire  Diagram  Chart | Rounding  Halves and Quarters  Multiple and divide  Calculator  Ratio |
| **IMPLEMENTATION** | | | | | | | | |
| **Week 1** Read numbers in the environment  **Week 2** Phone numbers  **Week 3-4** Money tasks  **Week 5-6** Lists  **Week 7:** Assessment | | **Week 1-2** Fractions – in a recipe  **Week 3-4** Decimals – understanding prices  **Week 5-7** Percentages – reductions on food | | **Week 1-2** Following sets of instructions (e.g. recipe)  **Week 3-4** Money – paying and getting change  **Week 5** Timetables - travel  **Week 6:** Assessment | **Week 1-2** Following directions to a place  **Week 3-4** Interpreting maps functionally  **Week 5-6** Shapes in the community. | | **Week 1-2** Interpreting tables e.g. football  **Week 3** Sorting clothes  **Week 4** Writing a shopping list  **Week 5:** Assessment | **Week 1-2** Finding a place  **Week 3-4** Shopping – finding the best deal  **Week 5-6** Understanding use by dates on food  **Week 7:**Stock checking |