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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 numbersDirections (e.g. go to the third door)MoneyNumber lines.ListsHouse numbers | Reductions on itemsReading price labelsUnderstand prices on a menuUsing a calculator Read fractions or quantities in a recipeDirections – units of measure in distance. Work out wages. | RecipesFollowing a set of instructionsMaking drinksUsing 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 directionsFinding shapes in the environment eg. Wallpaper / prints.MapsStreetmap.co.uk Packing items into a space e.g. carFill shelves with items. | Find contact numbers from a list.Sorting bottles for recyclingWriting a shopping list Arranging books by subject / music by typeColour codingLeague tables (e.g. football)Holiday brochures. Sort clothes by size / gender.Compare temperatures in different countries.Reading mapsAverage age / height of class. | Read speed limits on signs.Page numbersFind a placeDifference 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**  |
| CountReadWriteFindUnderstandComparePresentInterpretExplainEstimateSolve | CountReadWriteFindUnderstandSolveComparePresentInterpretExplainEstimate | DescribeMeasureComparePresentInterpretExplainEstimate | MakeBuildConstructDrawNameDescribeCompareMeasure | CountReadWriteFindTallySortRepresentUnderstand | CountWriteReadOrderCompareSubtractAddRecallInterpretApproximate |
| **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**AdditionSubtractionMultiplication Division Equals | FractionsPart of a wholeHalfQuarterNumeratorDenominatorEqual parts | Length- mm, cm, mMass- mg, g, kgCapacity- ml, cl, l, Time- 12/24 hourMoney denominations StandardNon-standard | GeometryProperties 2D/3D shapes Position/direction language Angles | Data GraphsSurvey Questionnaire Diagram Chart | RoundingHalves 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 |