

Family literacy, language and numeracy

Family learning impact funding – Family Numeracy



Overview of topics from scheme of work for standard family numeracy adult and joint programme

Session	Adult	Joint
1. Maths talk	Introduction to course. Initial assessment. Mathematics vocabulary. Identifying their own needs. Maths in the EYFS and primary framework – everyday activities.	Fishing theme Using questioning with children Using number names
2. What's it worth?	Place value. Number bonds. Negotiating ILP targets.	Sharing activities which promote the learning of number bonds – using school and everyday resources
3. Informal ways with maths	Using a variety of strategies for addition and subtraction, including number lines and mental strategies. Finding out about Move On.	Making and using a snake number line. Playing games and singing songs to practice counting on and back

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4. Using addition and subtraction	Vocabulary for addition and subtraction (informal and formal), including input from maths coordinator. Application of addition and subtraction.	Games used in class to support early addition and subtraction, including on computers. Make a game to play at home.
5. Learning outside the classroom	Whole day joint session: trip to museum or art gallery to explore numbers all around us.	
6. Close enough	Rounding numbers, estimating answers and using a calculator. Practical application.	'The Great Pet Sale' Sharing the story, making and using a pet shop Estimating.
7. Multiplication and shape	Review of progress. Multiplication linked to addition. Application to area. Properties of shapes.	Outing to the park to follow a shape hunt. Twig challenge – making shapes. Games.

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8. Division and time	Division related to subtraction. Arrays and chunking. Calculating and recording time. Making a timetable for shopping trip.	Trip to local shop to buy list of items. Sharing item bought between the children
9. Measuring up	Multiplying and dividing by 10, by 100. Measuring and estimating length.	Using informal measures – drawing round children, measuring teddies ‘Guess how much I love you’ story.
10. Fractions	Exploring fractions. Making and using fraction towers.	Handa’s Surprise Making fruit salad Repeating patterns Shape pictures
11. Number patterns and problems with shape	Solving number puzzles by applying strategies learnt. Using the properties of 2D and 3D shapes to design a playground.	We’re Going on a Bear Hunt Using positional vocabulary and giving directions Programming a roamer Recreating the bear hunt

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12. Library visit	<p>Using the local library information leaflet.</p> <p>Finding books in a library: introduction to the Dewey decimal catalogue system.</p> <p>Using stories and rhymes to support maths learning.</p>	<p>Visit to the library</p> <p>Exploring the library and using its facilities.</p> <p>Story time, number hunt, using computers, choosing and borrowing books</p>
13. Problem-solving	<p>Applying maths skills to plan a day trip. Record a range of options for travel, having investigated and calculated costs and percentage discounts.</p>	<p>Three Billy Goats Gruff</p> <p>Building bridges and solving problems involving counting and shape and space.</p>
14. Volumes and weights/reading tables	<p>Exploring volume, weight and using tables in the context of food and healthy eating.</p>	<p>Cooking session</p> <p>Measuring using weight and volume</p> <p>Using play dough</p>
15. Maths and family health	<p>Exploring applying maths in a the context of family health to calculate calories eaten, temperature for keeping food safe, taking temperatures and investigating best buys for children's paracetamol medicines.</p>	<p>Visit to a sports centre or games in the playground</p> <p>Sharing active games to help keep children fit while practicing number skills.</p>

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16. Charts and problem-solving	<p>Visit from IAG adviser.</p> <p>'Smartie' activity to explore handling data in a practical context.</p> <p>Final preparation for tests/assessments next session</p> <p>Review of ILPs.</p>	<p>The very Hungry Caterpillar</p> <p>Fruit pictograms and Carroll diagrams</p> <p>Days of the week – 5 a day charts</p>
17. Practice tests and assessments	<p>Practice tests and assessments.</p> <p>Review of learning and ILP targets.</p>	<p>The Gingerbread Man</p> <p>Sharing and role playing the story</p> <p>Making gingerbread men</p>
18. Final skills check	<p>Revision session to allow learners to work on individual needs identified in the last session.</p>	<p>Preparing for the party</p> <p>Making maths hats to celebrate learning</p> <p>Making number line place mats</p>
19. Tests and celebration	<p>Taking tests and assessments.</p> <p>End-of-course review.</p>	<p>Celebration session</p> <p>Making the food, laying the table and playing active games</p> <p>Presentation of certificates</p>