

## Junior Infants *Maths and Me* Maths Equipment Overview

<p><b>Unit 1:</b> <b>Number</b> <b>Readiness</b></p>	<p>Bundles of socks or gloves for matching            Monty the puppet            Bear manipulatives (all sizes and colours)            Cubes and counters            Building bricks and blocks            2-D shapes (different shapes and colours)            Old/dress-up clothing or clothing for dolls/teddies            A variety of farm animals from the small-world area            Picture book: <i>Hooray for Fish!</i> by Lucy Cousins            Sorting circles of cord/string            Attribute blocks Random collections of items from the display area, such as cones, twigs, leaves and conkers            Random collections of classroom items, such as pencils, paper clips, biros, sticky notes and erasers            PCM 7</p>
<p><b>Unit 2:</b> <b>Measuring 1</b></p>	<p>Ball of string            Scissors            Two different lengths (long and short) each of string, cord, ribbon, wool, coloured raffia and fabric (strips) for each group            Play dough            Cubes            Counters            Blocks            Links            Doctor's white coat or stethoscope            Teddy or doll            Measuring tape (optional)            Twigs, leaves, boxes, trailing ivy or other climbers – any materials suitable for constructing towers, skyscrapers, beanstalks and trees            Small-world or toy animals            Monty the puppet            Big, empty shopping bag            Small, heavy stone (or another small, heavy object)            Heavy and light objects from the classroom (or small-world area or display)            Blindfolds (one for each pair)            Feather            Two small boxes/tubs of similar size and weight, small enough to fit in a plastic cup            Heavy and light objects, small enough to fit in a plastic cup            Clothes hangers with two plastic cups or small bags attached (one for each group)            Two transparent plastic cups per hanger            Two clamps (e.g. office foldback clips) per hanger or a ball of string and a hole punch            Balance scale            Big and small objects from the classroom (or small-world area or display)            Bear manipulatives (in three sizes and of different colours)            PCM 7</p>

<p><b>Unit 3: Numbers 1 to 3</b></p>	<p>Numerals 1 to 10 on the class clothesline          Manipulatives (bears, counters, beads, collections of items)          Cup          Monty the puppet          A small bag for each child to collect materials during a nature walk          Materials found on the nature walk (cones, feathers, leaves, bits of bark, twigs, pebbles, etc.)          Tactile numerals 1 to 10          Tactile letters          Tactile numerals in Pupil's Book          Examples of real-life numbers (e.g. birthday cards, birthday badges, calendars)          Examples of real-life letters (e.g. cut from magazines)          Numeral posters (printable)          Set rings          Maths sticks (or twigs or cord to partition)          Sand area          Cord          Play dough          Unit 3 Maths Language Cards          PCMs 9, 13, 15 and 16</p>
<p><b>Unit 4: Time 1</b></p>	<p>Picture book: <i>A Beach Tail</i> by Karen Lynn Williams          Class clothesline and pegs          Scissors          Props, including: toothbrush, toothpaste, pyjamas, picture book, hairbrush, box of breakfast cereal, lunchbox, pillow, soap, shampoo and storybook          Monty the puppet          Unit 4 Maths Language Cards          PCMs 1, 17, 18 and 19, 20</p>
<p><b>Unit 5: Numbers 4 and 5</b></p>	<p>Manipulatives for counting, such as bears, counters, beads, links, cubes, 2-D and 3-D shapes, collections of objects and objects on the groups' tables          Class clothesline, and numeral posters 1 to 10          Monty the puppet          Sand area          Tactile numerals in Pupil's Book          Dominoes with a total of one, two, three and four dots (i.e. combining both sides of the domino)          Different-coloured clothes pegs          Four cards or bowls, each marked with a different number from 2 to 5          Different-coloured cups (two per pair)          Number shapes 1-5          Cuisenaire rods          PCMs 9, 22</p>

<p><b>Unit 6: Shape</b></p>	<p>Items from the class shop: cuboids (boxes), spheres (tennis balls, golf balls, ping pong balls), cylinders (tubes), cubes          Geometric solids: cubes, cuboids, spheres and cylinders only          Jigsaw puzzles          Shape sorter          Building blocks          Interlocking cubes          An orange          Lollipop sticks, construction sticks or twigs          Play dough or plasticine          Sensory ('feely') bag          2-D shapes: circles, squares, rectangles and triangles only          Monty the puppet          Counters          Shape Bingo activity printable          Classroom-sized 2-D shapes cut out from card/ paper (squares, rectangles, circles and triangles in two different sizes)          Small geometric solids          PCMs 2, 26, 27, 28</p>
<p><b>Unit 7: Consolidating Numbers 0 to 5</b></p>	<p>Numerals 1 to 10 on the class clothesline          Birthday cards for ages 1 to 5          Monty the puppet          Small World objects          Collections from nature walks          Manipulatives (cubes, bears, counters, beads, links, interlocking cubes, 2-D and 3-D shapes, bricks or blocks, collections of items)          Magnetic numbers          Interlocking cubes          Cuisenaire rods          Number shapes          Water Area, and items including cups, a boat and a bucket          Sand Area, and items including a spade, a container, a bucket and shells          Role-Play Area          Small-World Area          Trays containing moist sand          Shells          Five paper cups          Markers          Sheets of A4 paper          Five paper plates          Cotton buds          Paint          Scissors          Play dough          Pipe cleaners          Buttons          Cords/strings and beads          Cupcake cases with numerals 0–5 written inside them          Coloured pom-poms</p>

	<p>Sticky notes with numerals 2–5 written on them</p> <p>Chart paper with different compositions of numbers shown with coloured dots</p> <p>Cords/twigs/maths sticks for partitioning</p> <p>PCMs 28, 29, 30, 31, 32</p>
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