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| Number [All Change](https://nrich.maths.org/7514)This activity has 3 challenges that provide a chance to practise number recognition, one-to-one correspondence and counting.[Sock Washing Line](https://nrich.maths.org/13532)This activity provides learners with the opportunity to:* use everyday language to talk about size and position
* compare and order by size
* count in ones and two

[Incey Wincey Spider](https://nrich.maths.org/8863)This activity provides learners with the opportunity to:* develop connections between the number of dots on a dice and counting actions

NRICH provides thousands of free online mathematics resources for ages 3 to 18, covering all stages of early years, primary and secondary school education - completely free and available to all.The NRICH Project aims to enrich the mathematical experiences of all learners. | Numeracy at HomeA Guide to games and activities at Early Level by Nrich |  |  | Problem Solving [Long Creatures](https://nrich.maths.org/9717)This activity provides the learners with the opportunity to:Use everyday language to talk about size* Explore characteristics of objects
* Use mathematical language to describe objects

[Pirate Poundland](https://nrich.maths.org/9721)This activity provides learners with the opportunity to develop counting skills through shopping role play.[The Box Game](https://nrich.maths.org/12745)This activity provides learners with the opportunity to use addition and subtraction to solve problems. |
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| Shape and Space [Packing](https://nrich.maths.org/9719)This activity provides the learners with the opportunity to sort, describe and compare.[Shapes in the Bag](https://nrich.maths.org/10387)This activity provides learners with the opportunity to explore the characteristics of 2D and 3D shapes.[Small World Play](https://nrich.maths.org/13531) This activity provides learners with the opportunity to:* talk position and size
* compare quantities and objects
* solve problems
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| Number [Totality](https://nrich.maths.org/1216)This activity provides learners with the opportunity to become more fluent with number bonds and addition.[The Add and Take Away Path](https://nrich.maths.org/7281)This activity provides learners with the opportunity to practice simple addition and subtraction. It draws out the inverse relationship between these two operations as well as encouraging learners to think about the order of operations.[Sort Them Out (1)](https://nrich.maths.org/6885/note)This activity provides learners with the opportunity to practice addition and subtraction and possibly offer opportunities to share calculation strategies. It gives ample opportunities to practise calculations using numbers to 20.NRICH provides thousands of free online mathematics resources for ages 3 to 18, covering all stages of early years, primary and secondary school education - completely free and available to all.The NRICH Project aims to enrich the mathematical experiences of all learners. | Numeracy at HomeA Guide to games and activities at First Level by Nrich |  |  | Problem Solving [Highest and Lowest](https://nrich.maths.org/943)This activity provides the learners with the opportunity to practice calculations using the 4 operations (+, -, x, ÷)[Number Round Up](https://nrich.maths.org/188)This activity provides learners with the opportunity to problem solve with addition and subtraction.[Chocolate](https://nrich.maths.org/34)This activity provides learners with the opportunity to practice division and fractions. |
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| Shape and Space [Triangle Animals](https://nrich.maths.org/4869)This activity provides the learners with the opportunity to use knowledge of 2D shape.[Chain of Changes](https://nrich.maths.org/221)This activity provides learners with the opportunity to explore pattern and sequence with 2D shape.[Skeleton Shapes](https://nrich.maths.org/1156) This activity provides learners with the opportunity to explore and create nets of 3D shapes. |
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| Number [Factors and Multiples](https://nrich.maths.org/factorsandmultiples)This activity provides learners with the opportunity to think strategically and become more fluent with factors, prime numbers and square numbers.[Shape Times Tables](https://nrich.maths.org/5714)This activity provides learners with the opportunity to practice times tables facts and reasoning skills.[Six Ten Total](https://nrich.maths.org/10917)This activity provides learners with the opportunity to use addition and multiplication skills in a problem-solving situation.NRICH provides thousands of free online mathematics resources for ages 3 to 18, covering all stages of early years, primary and secondary school education - completely free and available to all.The NRICH Project aims to enrich the mathematical experiences of all learners. | Numeracy at HomeA Guide to games and activities at Second Level by Nrich | . |  | Problem Solving [Sprouts](https://nrich.maths.org/1208)[**Sprouts Explained**](https://nrich.maths.org/2413)This activity provides the learners with the opportunity to use their skills in strategy.[Spot Thirteen](https://nrich.maths.org/7513)This activity provides learners with the opportunity to problem solve, reason and strategize whilst applying knowledge.[Walk and Ride](https://nrich.maths.org/985)This activity provides learners with the opportunity to practice and apply speed, distance and time knowledge. |
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| Shape and Space [The Numbers Give The Design](https://nrich.maths.org/6919)This activity provides the learners with the opportunity to explore pattern and sequence in number and geometry.[A Puzzling Cube](https://nrich.maths.org/1140)This activity provides learners with the opportunity to explore the relationship between faces and the net of a cube.[Square It](https://nrich.maths.org/squareit) This activity provides learners with the opportunity to apply strategy and reasoning skills. |
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| Number [Square Percentage](https://nrich.maths.org/11657)This activity provides learners with the opportunity to become more fluent with number facts including multiples, prime numbers, triangular numbers and square numbers.[American Billions](https://nrich.maths.org/americanbillions)This activity provides learners with the opportunity to use reasoning skills and knowledge of place value.[Adding All Nine](https://nrich.maths.org/92)This activity provides learners with the opportunity to use 4 operations in a problem-solving situation exploring pattern and relationships.NRICH provides thousands of free online mathematics resources for ages 3 to 18, covering all stages of early years, primary and secondary school education - completely free and available to all.The NRICH Project aims to enrich the mathematical experiences of all learners. | Numeracy at HomeA Guide to games and activities at Third/Fourth Level by Nrich | .**Shape and Space**[Mirror Mirror](https://nrich.maths.org/5458)This activity provides the learners with the opportunity to explore symmetry and transformation.[Napoleon’s Theorem](https://nrich.maths.org/1944)This activity provides learners with the opportunity to explore relationships of shape tessellations.[Square Areas](https://nrich.maths.org/503) This activity provides learners with the opportunity to apply strategy and reasoning skills to area problems. |  | Problem Solving [Sissa's Reward](https://nrich.maths.org/1163)This activity provides the learners with the opportunity to use their skills in strategy and patterns and sequence.[Counting Factors](https://nrich.maths.org/countingfactors)This activity provides learners with the opportunity to explore factors leading to the development of indices.[Repeaters](https://nrich.maths.org/524)This activity provides learners with the opportunity to explore pattern, sequence and relationships with number. |

