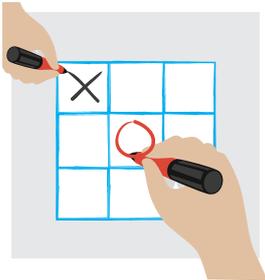


Logic Predicting and analysing

Noughts & Crosses



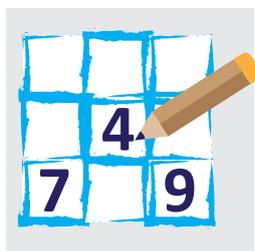
Activity

Play this classic game with your child. This game is full of logical thinking. Ask your child to explain where they plan to go with each move and why.

Learning

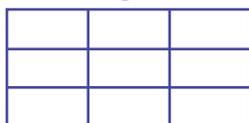
This game encourages your child to think logically about the implications of each move. Encourage them to share their thought process.

Magic Square



Activity

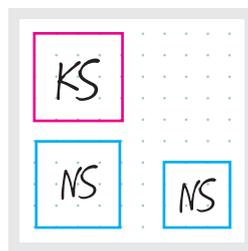
Provide your child with a 3x3 square. Can they add the digits 1-9 using each digit once so that all the rows, columns and diagonals add up to 15? Encourage your child to explain their thinking as they tackle the challenge.



Learning

This maths puzzle helps your child develop both trial and improvement, and logical reasoning skills.

Boxes



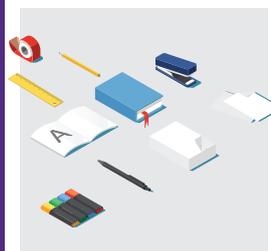
Activity

With your child, take turns to join dots with a line on dotted paper. Whoever completes a square puts their initial in it and gets an extra turn. The winner is the player with the most completed squares.

Learning

This game encourages your child to think logically about the implications of each move so as not to give their opponent the advantage.

Triangles



Activity

Ask your child to lay 10 objects to create a flat pyramid pattern:



Challenge them to move only three items so the triangle points downwards instead of upwards?

Learning

To complete this puzzle your child must think logically about which items to move. Encourage them to share their thought process.

Bedroom BattleShips



Activity

Play this classic game with your child by creating a giant grid and using a variety of teddys to represent ships. Encourage your child to think logically about where to strike next and why.

Learning

Once you've got a 'hit', this game encourages your child to think logically in order to try and sink the ships (teddys) with as few shots as possible.