



Science

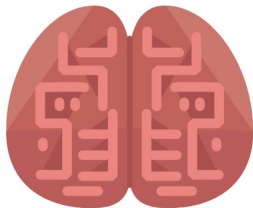
Children exploring and developing an understanding of how their world works through observation, investigation, questioning, research and hypothesising based on transference of knowledge. Example: A child repeating actions such as knocking over a tower can be conducting research to see how it falls and whether the results can be replicated.



Technology

Children developing an understanding of the items around them that have been created to serve a purpose. Encouraging children to connect with these inventions by being present in their environment, but also to question whether they are inclusive in supporting everyone, or whether they have flaws. Examples: What would life be like without chairs? Are smart phones good or bad?

STEM in the Early Years



Engineering

Children discussing how items would be made, or reverse engineering items by pulling them apart. Can involve children drawing plans in block corner before constructing, or exploring architectural plans and what materials would be needed to make certain items. Examples: I wonder how they made this? If you were to make a house what would the plans look like?



Mathematics

Exploring a range of concepts in child focused and developmentally appropriate ways, such as - height, shape, size, weight, length, number, pattern, addition, subtraction, volume, temperature, time, graphs, classification, sorting, ordering, counting, estimating, positioning, quantities, predicting, matching, sequencing, comparing, and recording findings.