



# Mathematics

An effective mathematics curriculum begins with the premise that all children are powerful mathematics learners irrespective of age and ability. However, it is when children have numerous opportunities to see *themselves* as powerful and competent mathematical learners that the curriculum can justly be called effective.

Early year's education plays a crucial role in the development of infants', toddlers', and young children's mathematical proficiency because it is the time when attitudes towards mathematics are formed. Positive attitudes are more likely when children's mathematical learning begins as informal and intuitive learning, influenced by the culture and experiences they are growing up in.

Mathematics helps children to think logically, strategically, creatively, and critically – skills and knowledge which are particularly valuable in today's information and digital age.

Te Whāriki (2017)

Early childhood curriculum

<https://education.govt.nz/assets/Documents/Early-Childhood/ELS-Te-Whariki-Early-Childhood-Curriculum-ENG-Web.pdf>