

## LITERACY IN MATHEMATICS

*by:*

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Education is by far one of the most significant factors in the production of the human resources necessary for the development of a country in all its aspects. Education, in its broadest sense, refers to any activity that has a significant impact on the cognitive, skill, and attitude development of any individual. It is made up of various disciplines that should be taught and learned by all humans. Mathematics is one of the most established disciplines, and it is included in every curriculum around the world.

Mathematics literacy is defined as an individual's ability to formulate, apply, and interpret mathematics in various contexts. It enables pupils to perform, comprehend, and apply mathematical concepts not only in the classroom but also in everyday life. In order to gain literacy in math, pupils must understand the vocabulary and be able to "read" and "write" with it. As reading in math classes can range from pupils decoding an equation to reading paragraphs, reading can take many forms. Pupils can gain a better understanding of the world around them by improving their numeracy skills. Through an embedded understanding of how the teacher teaches about the fundamental mathematics works from elementary up to tertiary, they can use the knowledge and confidently budget, strategize, estimate, and predict many real-world situations on their own. By enhancing their numeracy skills, pupils can gain a better understanding of the world around them because of the embedded understanding the teacher teaches about fundamental mathematics works.

As teachers, we can also assist our pupils in developing their numeracy skills so that they can stand confidently outside of the classroom. Teachers must help pupils develop their academic literacy and provide them with the tools they need to succeed in the modern

world and learning environments that integrate cognitive, social, and emotional skills should be provided for them (OECD 2015). According to a joint research center funded by the Australian government and tasked with advising the government on how to improve the basic education system, the Department of Education should early learners' literacy and numeracy be prioritized

To succeed in school and in life, every student must have strong literacy skills. The ability to read, write, speak, and listen well is essential for effective communication. But why is math literacy so important? Numeracy, or mathematical literacy, refers to the ability to solve problems, reason, and analyze information/data. It is the ability to use numbers to assist in the solution of real-world problems. Students can understand the language of mathematics by developing their math literacy. Because math is everywhere, knowing and understanding the language of mathematics is essential. Math is a tool that we use to comprehend our surroundings.

Mathematics is all around us, and we can help our children become familiar with and confident in the numerical world by exposing them to it on a regular basis. Learning math at a young age increases one's chances of success in school and in life.

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