SYMBOLS

$=$	equal to
$\neq$	not equal to
$<$	less than
$\leq$	less than or equal to
$>$	greater than
$\geq$	greater than or equal to
$\approx$	equivalent to
$\cup$	union
$\cap$	intersection
$\mathbb{U}$	universal Set
$\in$	belongs to
$\notin$	does not belong to
$\subset$	proper subset of
$\subseteq$	subset of or is contained in
$\not\subset$	not a proper subset of
$\not\subseteq$	not a subset of or is not contained in
A' (or) A^c	complement of A
$\varnothing$ (or) $\{\ \}$	empty set or null set or void set
$n(A)$	number of elements in the set A
$P(A)$	power set of A
$\sum$	summation
$\parallel\!\!\parallel^{ly}$	similarly
Δ	symmetric difference
$\mathbb{N}$	natural numbers
$\mathbb{W}$	whole numbers
$\mathbb{Z}$	integers
$\mathbb{R}$	real numbers
Δ	triangle
$\angle$	angle
$\perp$	perpendicular to
$\parallel$	parallel to
$\Longrightarrow$	implies
$\therefore$	therefore
$\because$	since (or) because
$\lvert\ \rvert$	absolute value
$\simeq$	approximately equal to
$\mid$ (or) :	such that
$\equiv$ (or) $\cong$	congruent
$\equiv$	identically equal to
π	pi
$\pm$	plus or minus

Captions used in this Textbook

எண்ணென்ப ஏனை எழுத்தென்ப இவ்விரண்டும்
கண்ணென்ப வாழும் உயிர்க்கு – குறள் 392

Numbers and letters, they are known as
eyes to humans. - Kural 392

Learning Outcomes
To transform the class-room processes into learning centric with a set of bench marks

Note
Additional inputs on the content which require student to think and comprehend the concepts are given

Thinking Croner
To kindle the inquisitiveness of students in learning mathematics. To make the students to have a diverse thinking

Progress Check
Self evaluation of the learner's progress

Activity
To encourage students to involve in activities to learn mathematics

Exercise
To evaluate the learners' in understanding the content

Multiple Choice Questions
To provide additional assessment items on the content

Unit Exercise
Interlinking various concepts in each unit, problems are prescribed for the students to attempt and solve them

Points to Remember
To recall the points learnt in the topic

ICT Corner
To encourage learner's understanding of content through application of technology

CONTENTS

E-book

Evaluation