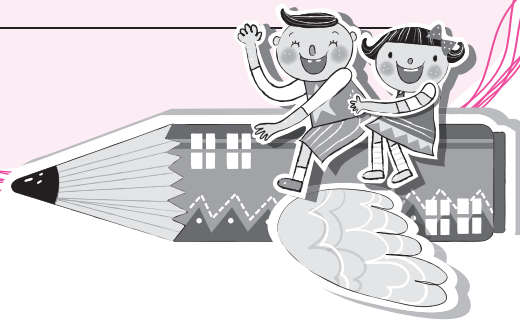


# CLASS 3

Name: \_\_\_\_\_

Class: \_\_\_\_\_

Division: \_\_\_\_\_



## ACTIVE MATHS

### PART 1



**Head Office**

Unit #401, B Wing, Business Square,  
Andheri Kurla Road, Chakala,  
Andheri East, Mumbai - 400093, India

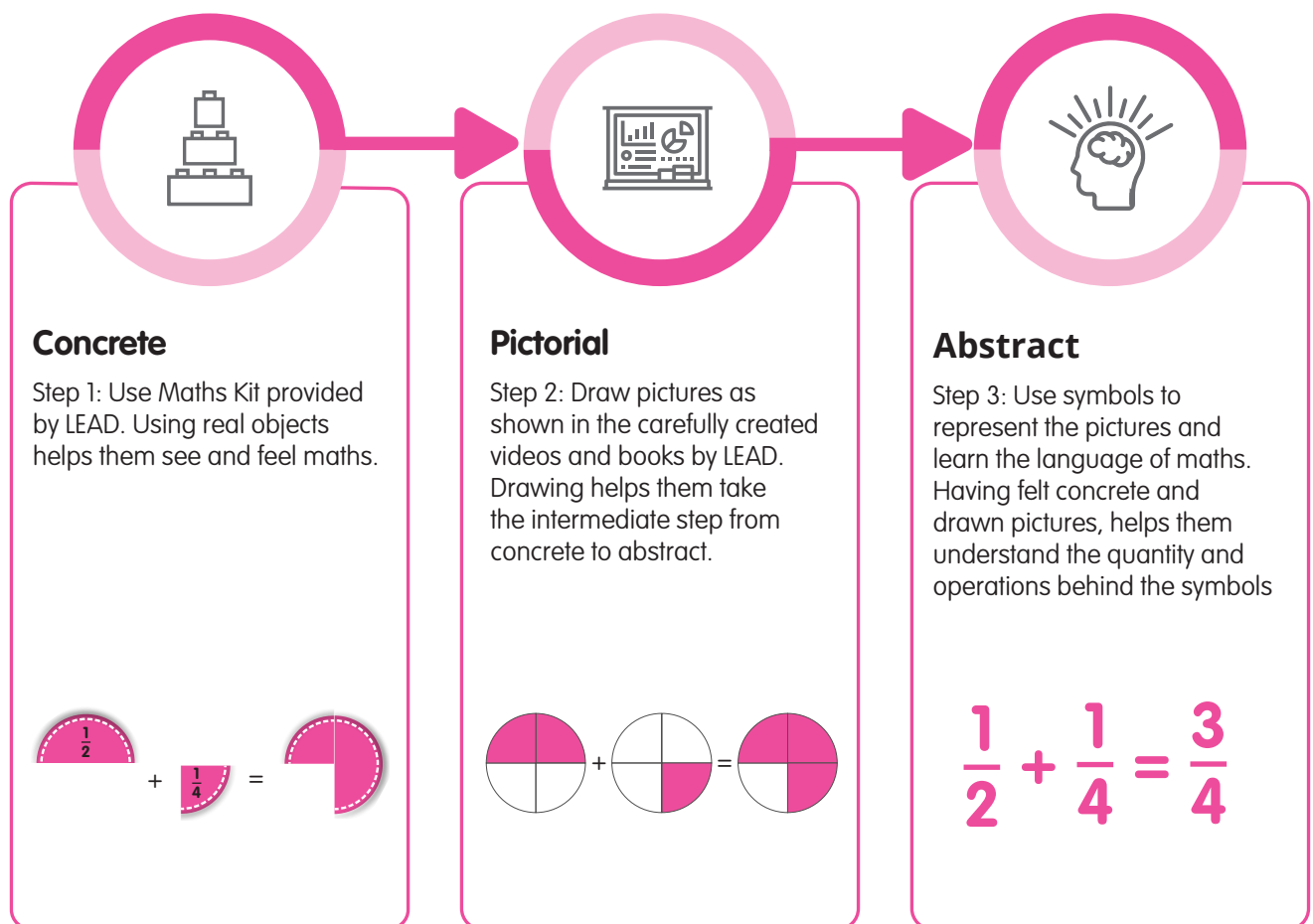


## NOTE TO PARENTS


At LEAD, we design our curriculum with the aim to help children get over the fear of maths and build deep conceptual clarity of the subject.

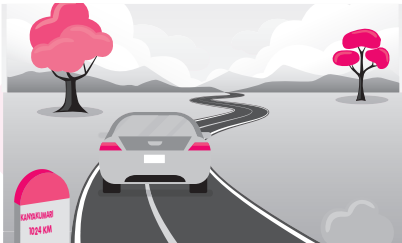

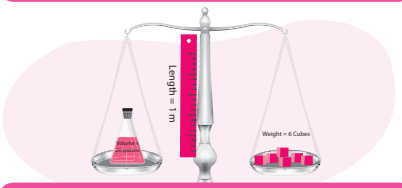

At the core of our maths curriculum is the Singapore-renowned teaching and learning approach called Concrete Pictorial Abstract (CPA) Method. The CPA approach makes maths easy, which is why it is used by some of the most well regarded school systems of the world.

Traditionally, maths is taught using symbols for numbers and operations. This makes it abstract and difficult to understand. The CPA method on the other hand is a sequential process that begins with students using physical objects (concrete) to understand quantities and operations. They then move to representing these quantities and operations with pictures (pictorial). Only when a solid understanding is built do they move to using symbols (abstract). This way, they build a robust understanding of maths concepts.



# ANNUAL LEARNING PLAN

PART 1	Unit Name	Content Strand	Unit No.
	<b>Four-Digit Numbers</b> Students will write, compare, and order number up to 4 digits and learn rounding off to the nearest 1000	Number Systems	1
	<b>Three-Digit Addition and Subtraction</b> Students will learn to add and subtract 3-digit numbers and solve word problems based on them	Arithmetic Operations	2
	<b>Measurement Using Non-Standard Units</b> Students will use non-standard units to measure weight and volume, and learn to read a calendar	Measurement	3
	<b>Lines, Symmetry, and Patterns</b> Students will identify and draw lines and patterns, and learn about symmetry and tiling using 2D shapes	Geometry	4
PART 2	Unit Name	Content Strand	Unit No.
	<b>Two- and Three-Digit Multiplication</b> Students will learn tables up to 10 and perform multiplication of number up to 3 digits	Arithmetic Operations	5
	<b>Division</b> Students will understand that division and multiplication are opposite operations and solve word problems	Arithmetic Operations	6
	<b>Data Handling and Money Operations</b> Students will identify currencies of high denominations, and represent data using pictographs and tally marks	Data Handling and Money	7

Contents		Page No.
<b>Annual Learning Plan</b>		<b>04</b>
<b>UNIT 1</b>	<b>Four-Digit Numbers</b>	<b>06</b>
<b>UNIT 2</b>	 <b>Three-Digit Addition and Subtraction</b>	<b>34</b>
<b>UNIT 3</b>	 <b>Measurement Using Non-Standard Units</b>	<b>61</b>
<b>UNIT 4</b>	 <b>Lines, Symmetry, and Patterns</b>	<b>77</b>

This book is a textbook cum practice book that contains important concepts that students learn in class. Students refer to the concepts in the book after they are taught in class.



In the worksheets, this icon is used next to certain questions. These questions require Higher Order Thinking Skills (HOTS) to be answered.

The book should be used for practising questions and for revising concepts taught in school. Students should also refer to it in addition to their notebooks while preparing for assessments.