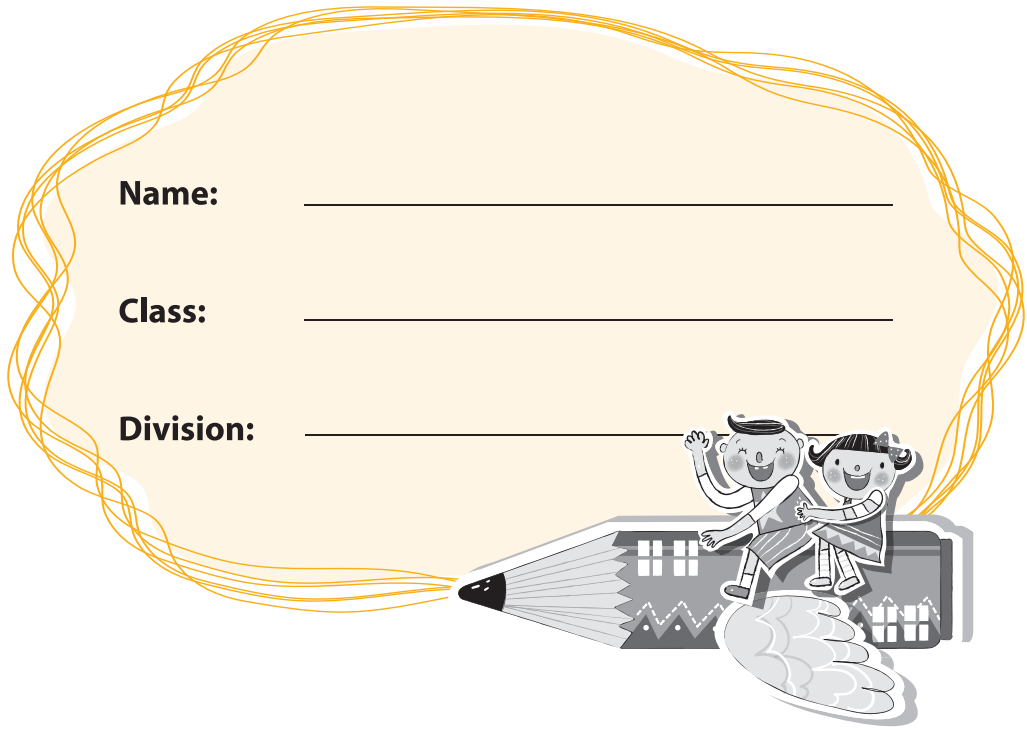


CLASS 4

Name: _____

Class: _____

Division: _____



ACTIVE MATHS

PART 1



Head Office

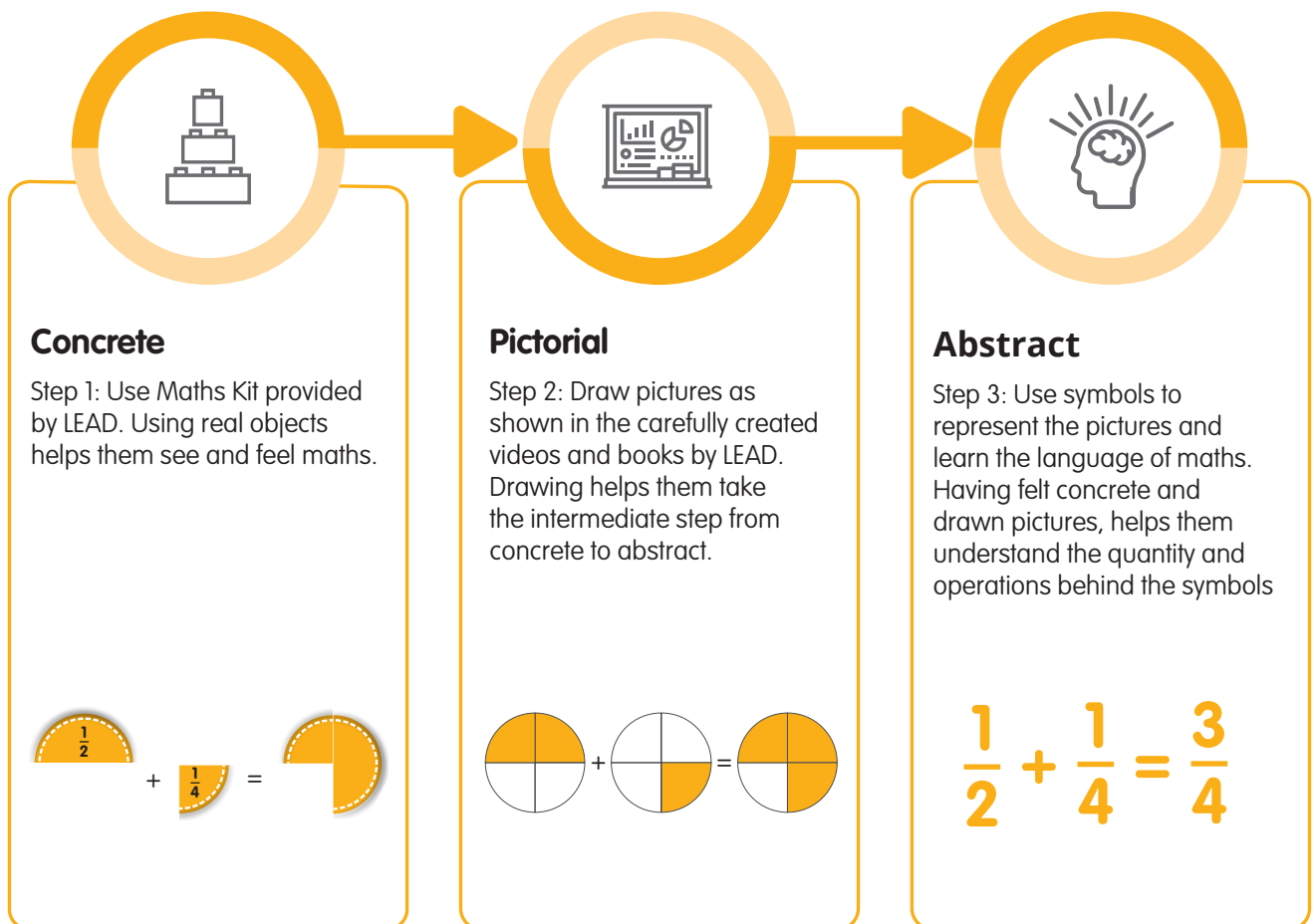
Unit #401, B Wing, Business Square,
Andheri Kurla Road, Chakala,
Andheri East, Mumbai - 400093, India

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.

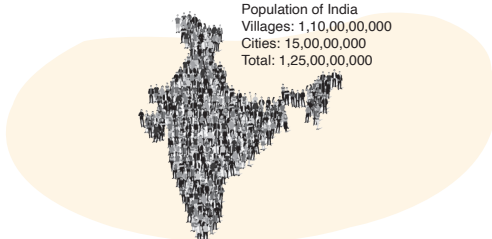
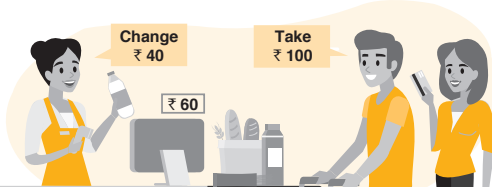

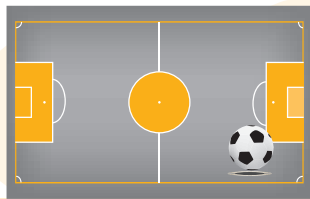
At the core of our maths curriculum is the Singapore-renowned teaching and learning approach called Concrete Pictorial Abstract (CPA) Method. The CPA approach makes maths easy, which is why it is used by some of the most well regarded school systems of the world.

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.
	Large Numbers and Addition Students will identify, write, compare and add large numbers from 5-digits to 8-digits.	Number Systems and Operation	1
	Subtraction and Multiplication of Large Numbers Students will subtract and multiply numbers with up to 6 digits and solve word problems based on them	Arithmetic Operations	2
	Three-Digit Division Students will divide 3-digit numbers by 1 and 2-digit numbers with and without remainder	Arithmetic Operations	3
	Shapes, Spatial Understanding, and Patterns Students will calculate perimeter and area of rectangles and squares, and identify and extend number patterns	Geometry	4
PART 2	Unit Name	Content Strand	Unit No.
	Introduction to Fractions Students will get introduced to vocabulary related to fractions and learn to compare, add and subtract them	Number Systems and Operation	5
	Measurement Students will learn about standard units of length, weight and volume and read time with am and pm	Measurement	6
	Data Handling and Money Students will identify, add, subtract, multiply, and divide money, and analyse pictographs and bar graphs	Data Handling and Money	7

Contents		Page No.
Annual Learning Plan		04
UNIT 1	 <p>Population of India Villages: 1,10,00,00,000 Cities: 15,00,00,000 Total: 1,25,00,00,000</p>	06
	Large Numbers and Addition	
UNIT 2	 <p>Change ₹ 40 Take ₹ 100 ₹ 60</p>	31
	Subtraction and Multiplication of Large Numbers	
UNIT 3	 <p>÷</p>	51
	Three-Digit Division	
UNIT 4		73
	Shapes, Spatial Understanding, and Patterns	

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.