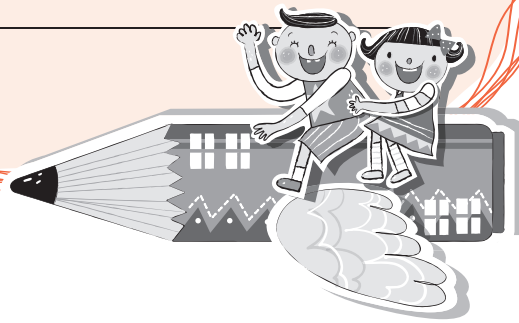


# CLASS 5

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

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

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



## ACTIVE MATHS

### PART 1



**Head Office**

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

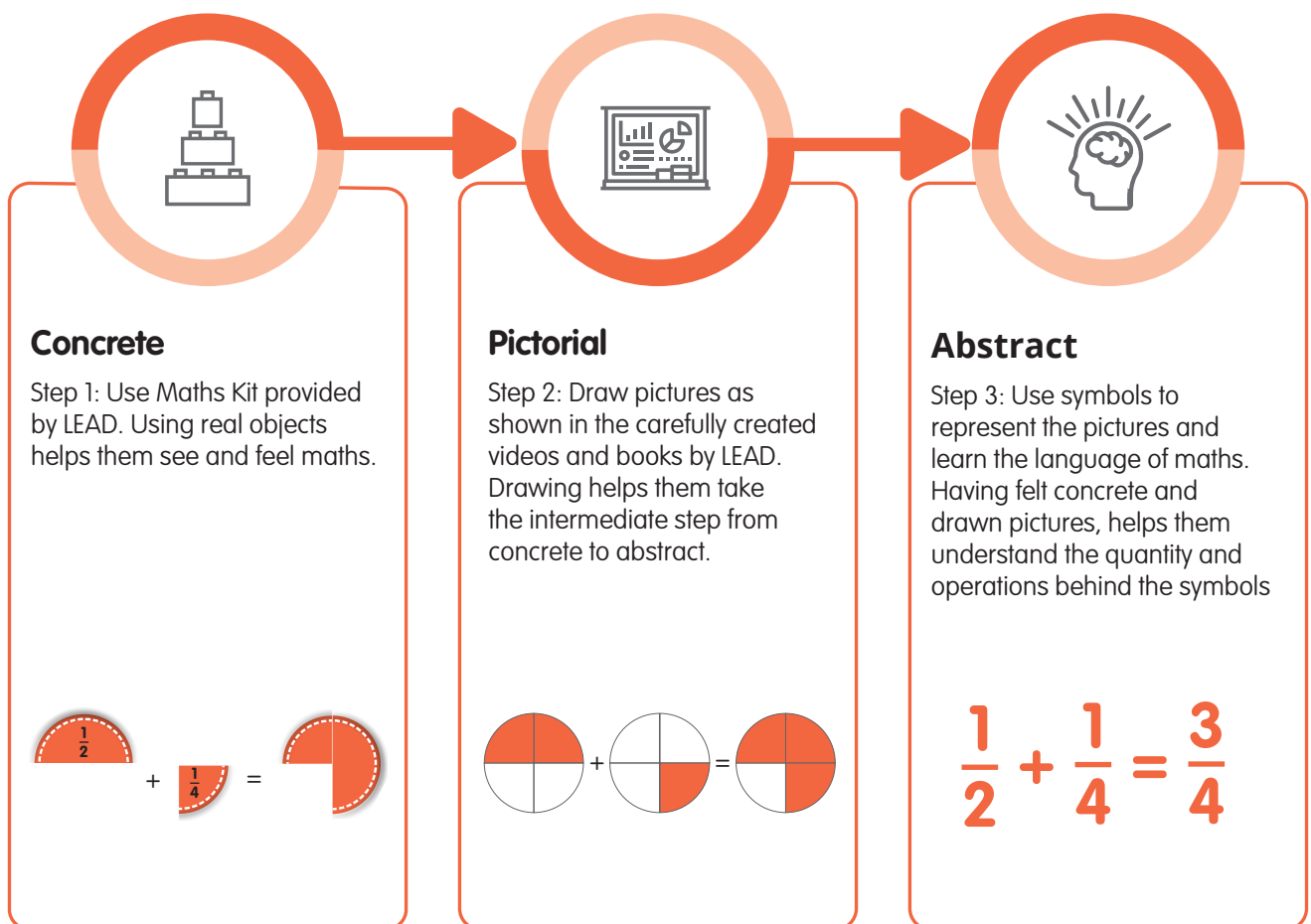


## NOTE TO PARENTS








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>Multiplication of Large Numbers</b> Students will learn how to multiply large numbers and solve word problems involving multiple operations	Arithmetic Operations	1
	<b>Division of Large Numbers</b> Students will learn to divide numbers upto 6 digits and solve word problems involving division	Arithmetic Operations	2
	<b>Angles and 3D Objects</b> Students will learn about types of angles and make 3D shapes using different materials	Geometry	3
	<b>Data Handling</b> Students will represent data using pictographs and bar graphs and solve word problems based on them	Data Handling	4
PART 2	Unit Name	Content Strand	Unit No.
	<b>Factors and Multiples</b> Students will find out multiples, factors, HCF and LCM of numbers and recognise the connection between them	Number Systems	5
	<b>Fractions and Decimals</b> Students will compare, add, and subtract unlike fractions and learn to convert fractions into decimals	Measurement	6
	<b>Measurement</b> Students will measure, calculate, and convert units of distance, weight, volume, and time	Number Systems	7

Contents		Page No.
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<b><u>UNIT 1</u></b>		<b>06</b>
	<b>Multiplication of Large Numbers</b>	
<b><u>UNIT 2</u></b>		<b>29</b>
	<b>Division of Large Numbers</b>	
<b><u>UNIT 3</u></b>		<b>48</b>
	<b>Angles and 3D Objects</b>	
<b><u>UNIT 4</u></b>		<b>73</b>
	<b>Data Handling</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.