

CLASS V RATIONALISED / RESHUFFLED SYLLABUS(Suggested)- 2022-23		Prescribed Books By CES - Mathematics Cum Workbook						
Chapter No.	Name of the Chapter	Time Duration for the topic	Content to be Deleted/Reshuffle	Reason	Comparative Study from NCERT Books(similarity)	Comparative Study from NCERT Books(dissimilarity)	Learning Gaps Expected (if any)	Specific Remarks
Chapter 1	Numbers Around Us	11 hours	None	NA		NCERT books doesn't have much on the concept of numbers, expanded form and place value. While CES books have focus on Indian and International number system, their place values and expanded form.		
Chapter 2	Shapes and figures	0 hours	Shapes and figures to be deleted	Concept of line, line segment and ray is covered in Class 4 and types of lines is included in Class 6.		This chapter isn't included in NCERT book. Concept of point, line, ray, line segment and types of lines is included in in CES books.		
Chapter 3	Playing with numbers	15 hours	None	NA	Both books have ample practice questions for multiplication and division. They also have various real life examples.	NCERT books focusses on multiplication and division in integration with money. CES books explain all four operations and gives practice too.		
Chapter 4	Turns and Corners	9 hours	Drawing of angles	It is covered in Class 6.	Angles and their types are explained. Measurement of angles is explained.	CES books also include drawing of angles. Beautiful illustrations are given in NCERT books.		
Chapter 5	Multiples and Factors	10 hours	None	NA	Same	Divisibility rules are included in CES books which are not there in NCERT.		
Chapter 6	Measuring Surfaces	12 hours	None	NA	Concept of Area	Area is divided into 2 chapters. Moreover the concepts that are covered are same.		
Chapter 7	Whole and Parts	14 hours	None			Various types of fractions is explained in detail in CES books along with operations. Lack of practice is there in NCERT books.		
Chapter 8	Decimal Fractions	10 hours	None	NA		NCERT books donot include number name and expanded form of Decimals whereas it is given in detailed in CES books. In NCERT books chapter is almost related to measurement of distance and money.		
Chapter 9	Symmetry	7 hours	None	NA	Both the books include line symmetry and mirror image.	NCERT books also include rotational symmetry while it is not there in CES books.		Rotational symmetry can be introduced in CES books as students have already learned line symmetry in Class 4.
Chapter 10	Operations with Decimals	0 hours	Operations of Decimals to be deleted	It is covered in Class 6.		Operations with Decimals is not included in NCERT books. There is only 1 question between the chapter which includes addition of numbers.		
Chapter 11	Measurement	12 hours	e	NA		NCERT books have integrated measurement of capacity with the concepts of science. CES books include measurement of weight, distance, volume, temperature and time.		
Chapter 12	Data Handling	9 hours	Pie chart	It is covered in Class 6	Topics covered are same	More practice is there in CES books.		Reading of pie chart can be taken up as activity.
		109 hours						
NOTE	Mapping					Mapping and scaling concept is included in NCERT books whereas it is missing in CES books.		
NOTE	Nets					Nets concept is included in NCERT books whereas it is missing in CES books.		

SUGGESTION

Order of teaching the chapters should be at the discretion of teachers to facilitate step by step learning of the students.