

CLASS I 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/Reshuffled	Reason	Comparative Study from NCERT Books(similarity)	Comparative Study from NCERT Books(dissimilarity)	Learning Gaps Expected (if any)	Specific Remarks
Chapter 1	Grouping	4 hours	None	NA		pic(Grouping) not included in NCERT as a separate topic	None	NA
Chapter 2	Pre-number Vocabulary (Bigger-Smaller, On-Under, Top-Bottom, Inside-Outside)	1 hour	Pre-number Vocabulary( Longer-Shorter, Taller-Shorter, Thicker-Thinner, Nearer-Farther ) can be taken with the topic Measurement of Length and Pre-number Vocabulary (Heavier-Lighter) can be taken with the topic Measurement of Weight).It is given in the same way in the NCERT book also.	While introducing the topic-Measurement, exercises based on the following adjectives(Pre-number Vocabulary) can be taken up to enable students to understand measurement through estimation.	Topic included in NCERT Book		None	
Chapter 3	Numbers-One to Nine and zero	5 hours	None	NA	Topic included in the NCERT Book		None	
Chapter 4	Numbers From 10-20	8 hours	None	NA	Topic included in the NCERT Book	Number Names(11-20) aren't mentioned in the NCERT book.	None	
Chapter 5	Ordinal Numbers	2 hours	None	NA		opic(Ordinal Numbers) not included in the NCERT book	None	
Chapter 6	Shapes	4 hours	None	NA	Recognition of 2 D shapes given in the NCERT book alongwith related exercises like matching and sorting objects of similar shapes.	In class 1, names of 2 D shapes such as square, triangle, rectangle, circle are not introduced in the NCERT book. Also sorting of things that can roll and slide is given in class 1 NCERT book in the form of an interesting story, which is not mentioned in CES Maths Book Class 1.We have this topic in Class 2 in CES Maths Book	None	
Chapter 7	Patterns	3 hours	None	NA	Topic given in the NCERT book for Pattern of shapes , numbers, letters		None	
Chapter 8	Numbers from 1 to 100	15 hours				Only building of numbers upto 99 in the NCERT book in form of bundles of tens and ones of the numbers.Number names (11-99) and more concepts like <b>after , before , between , backward counting, ascending / descending order</b> not included in the NCERT.	None	It is suggested that instead of using the <b>Terms Ascending/Descending order</b> , children are given practice to arrange the numbers from biggest to smallest and smallest to biggest.
Chapter 9	Measurement of Length	2 hours	None	NA	Activities based on non-standard units given.		None	
Chapter 10	Addition	20 hours	Addition of single digit numbers for sum upto 9 can be taken up after Chapter 3 (Numbers 0 to 9)	NA		In NCERT book, addition is limited for maximum sum upto 19 using one single digit number and two digit number upto 19.For eg: 12 + 7. Order Property of addition not mentioned in NCERT book.Simple word problems included in NCERT book.	Understanding and solving simple word problems in addition.	It is suggested to introduce addition of single digit numbers for sum upto 9 after Chapter 3 (Numbers 0 to 9). Also in the Addition topic simple word problems should be included. Example of word problem in NCERT book:Rahul has 8 pencils. Sonu has 7 pencils.How many pencils do they have altogether?
Chapter 11	Subtraction	20 hours	Subtraction of numbers(Numbers 0 to 9) can be taken up after Chapter 3 (Numbers 0-9)	NA		In NCERT book, subtraction is limited upto finding difference between a single digit number and a double digit number upto 19. For eg.,18-5. Simple word problems included in NCERT book.	Understanding and solving simple word problems in subtraction.	It is suggested to introduce subtraction of numbers after Chapter 3 (Numbers 0 to 9). Simple word problems should be included.Eg of word problem in NCERT book:Sohan's mother brought 9 bananas from the market. She gave 4 bananas to Sohan. How many bananas was she left with?Also, more practice on finding the missing number required, for example: 5 -
Chapter 12	Money	5 hours	None	NA	Recognition of notes and coins in circulation.Making small amounts using combinations of notes and coins.		None	

Chapter 13	Odd and Even Numbers	2 hours	Odd and even ( <b>two digit numbers</b> ) can be deleted from Class 1.	In class 1, children can understand the concept of odd and even for numbers from 0 to 9 only. Rest they can continue in class 2.		Topic not included in NCERT book.	None	
Chapter 14	Skip Counting	4 hours	None	NA		Topic not included in NCERT book. Though some examples given in exercises based on topic - Patterns	None	
Chapter 15	Multiplication	0 hours	Topic can be deleted (can be introduced in class 2 after Addition)	In class 1, concept of Addition and Subtraction can be given more focus, age appropriate number stories should be given more time to help the students absorb the concept and be able to apply Maths skills.		Topic not included in NCERT book.	For gifted students, it can be a drawback as questions based on repeated addition are asked in the olympiads.	
Chapter 16	Measurement of Weight	2 hours	None	NA	Comparing weight of things in terms of heavier/light		None	
Chapter 17	Measurement of Capacity	0 hours	This topic can be deleted in class 1. It can be taken up in class 2.	The topic Capacity can be well grasped by the children if introduced in class 2. Introduction of all the three topics of measurement in class 1 can be overwhelming for the students.		Topic not included in the NCERT book.	None	
Chapter 18	Measurement of Time	3 hours	None	NA	Activities related to different parts of the day & tick the activity which will take longer time are also given in the NCERT book.	The Minute Fun Time Exercise is not given in NCERT book	None	
Chapter 19	Calendar	5 hours	None	NA		Topic not included in NCERT book.	None	
Chapter 20	Data Handling	3 hours	None	NA	Topic given in the NCERT book	Exercises very basic in NCERT	None	

**108 hours**

**SUGGESTION**

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