



Class IV

Academic Updates (2021-22)

Sub: MATHEMATICS

(Date: 27th July 2021 to 14th August 2021)

Periods	Introduction of the topic or sub-topic:	CW / Activity	HW / PW
1	Explanation of Problem solving based on Division with the following example- Radhika have 85 chocolates. She wants to share the chocolates equally with her 7 friends. How many chocolates will each of them receive ? if she decides to keep the remaining chocolates, how many extra chocolates are left?	Pg 85 Ex 4F Q1 a,c,e	Pg 85 Q1 b PW Q1 d HW
2	Explanation of the concept of division with money.	Pg 86 Ex 4G Q1 a,b Q2 a,b Q3 a,b	Pg 86 Ex 4G Q1 c,d Q2 c,d Q3 c
3	Problem solving of Division with money	Pg 87 Ex 4H Q1 a,b,c,d	
4	Revision for 1 st Assesment Chapter 1- Place value	Recapitulation	Worksheet
5	Revision for 1 st Assesment Chapter 2- Addition & Subtraction	Recapitulation	Worksheet
6	Revision for 1 st Assesment Chapter 3- Multiplication	Recapitulation	Worksheet
7	Revision for 1 st Assesment Chapter 4- Division	Recapitulation	Worksheet
8	Revision Worksheet	Discussion of Worksheet	
9	Continuation of Division - More problem solving	Pg 88 Ex 4I Q1 a,b	Pg 88 Ex 4I Q1 c,d
10	Mixed Problem Solving – using addition, subtraction, multiplication and division	Pg 90 Ex 4J Q1,2,3,4	Pg 90 Ex 4J Q 5, 6, 7
11	Introduction of chapter 5- Factors Factor: The numbers that are multiplied to get another number are called factors. $2 \times 3 = 6$ 2 and 3 are factors of 6	Pg 99, Ex - 5A Q1 in book Q2 in book	

12	<p>The teacher will explain the rules of divisibility of 2,3,5,6,9,10.</p> <table border="1" data-bbox="316 297 818 560"> <tr> <td>A number is divisible by. . .</td> </tr> <tr> <td>2 if the last digit is even (0, 2, 4, 6, or 8).</td> </tr> <tr> <td>3 if the sum of the digits is divisible by 3.</td> </tr> <tr> <td>5 if the last digit is 0 or 5.</td> </tr> <tr> <td>9 if the sum of the digits is divisible by 9.</td> </tr> <tr> <td>10 if the last digit is 0.</td> </tr> </table>	A number is divisible by. . .	2 if the last digit is even (0, 2, 4, 6, or 8).	3 if the sum of the digits is divisible by 3.	5 if the last digit is 0 or 5.	9 if the sum of the digits is divisible by 9.	10 if the last digit is 0.	Rules of divisibility (notebook)	https://youtu.be/CqrYYiffPr0
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2 if the last digit is even (0, 2, 4, 6, or 8).									
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13	Recapitulation of the divisibility rules.	Tables from 1 to 12	https://youtu.be/qc8LHRMs6FQ						
14	<p>Finding factors of a number using Multiplication- Eg. 24</p> <p>1 x 24 = 24 2 x 12 = 24 3 x 8 = 24 4 x 6 = 24</p> <p>Factors of 24 are 1,2,3,4,6,8,12,24</p>	Pg 100, Ex-5A Q3 – a,b,c,d,i	HW Q3 e,f,g,h						
15	<p>Finding factors of a number using Division- Eg. 24 ÷ 1 = 24 24 ÷ 2 = 12 24 ÷ 3 = 8 24 ÷ 4 = 6</p> <p>Factors of 24 are 1,2,3,4,6,8,12,24</p>	Pg 100, Ex-5A Q4 - a,b,c,d,i	HW Q4 e,f,g,h						