Learning Outcomes	Sources/Resources	Week-wise Suggestive Activities (to be guided by Parents with the help of teachers)
The learner	NCERT /State	WEEK 1
multiplies /divides	Mathematics textbook	• The first chapter is about Integers in
two integers.	for Class VII	which multiplication and division of
interprets the		integers is dealt.
division and	Chapter 1: INTEGERS	• Discussion may be initiated about
multiplication of		integers which students have already
fractions	Chapter 2:	studied in Class VI. The learners may be
uses algorithms to	FRACTIONS AND	sent some questions about integers and
multiply and divide	DECIMALS	may be asked to respond online.
fractions /decimals.		• Different ways of introducing
	E-resources:	multiplication of integers may be
	Integers	discussed (On the number line, through
	https://nroer.gov.in/	patterns, etc.) Students may be
	55ab34ff81fccb4f1d80	encouraged to form examples and look for
	<u>6025/file/5b583b8a1</u>	patterns. Teachers and other learners
	6b51c01cccebeb0	may give their comments. This may continue in Week 2 as well.
	https://nroer.gov.in/	
	55ab34ff81fccb4f1d80	WEEK 2
	6025/file/5d42d0d11	• Learners may be introduced to properties
	6b51c0171d33ad5	of multiplication of integers. They may
		observe the patterns and send their
	https://nroer.gov.in/	observations to the teacher.
	55ab34ff81fccb4f1d80	Generalisation of the property may then
	6025/file/5d42cea01	be discussed.
	<u>6b51c0171d33ab0</u>	• Exercises from the textbook of <i>Mathematics</i> for Class VII and <i>Exemplar</i>
	https://nroer.gov.in/	Problem Book for Class VII may be
	55ab34ff81fccb4f1d80	attempted. Learners should send their
	6025/file/5b583c661	solutions to the teacher and teacher and
	6b51c01cdff01fd	other learners may discuss about them.
	https://nroer.gov.in/	• Teacher may select appropriate activities
	55ab34ff81fccb4f1d80	from Laboratory Manual for Elementary
	6025/file/58dd3a874	Stage (Activities 29, 38) in mathematics
	72d4a03227bf998	and ask the learners to perform them and send their observations. Conclusions
	Fractions and	about the concept can then be drawn
	decimals	after discussion.
	https://nroer.gov.in/	• Concept of division of integers can then
	55ab34ff81fccb4f1d80	be discussed on similar lines.
	6025/file/5850f8494	

Mathematics (Class VII)

<u>72d4a9b25a086cc</u>	WEEK 3
(video in Hindi)	• On similar lines as done in earlier weeks
	concept of multiplication of fractions can
https://nroer.gov.in/	be taken up.
<u>55ab34ff81fccb4f1d80</u>	• E resources can be used for better
6025/file/5850f8b74	visualisation and understanding of
72d4a9b25a0875c	concepts.
(video in Hindi)	• While getting comments from learners.
(1100 11 1111)	teachers may assess understanding of
https://nroer.gov.in/	learners about the concepts and plan for
<u>55ab34ff81fccb4f1d80</u>	an appropriate feedback.
6025/file/57d9044f1	• In all the activities learners may be
6b51c0312a1ef63	encouraged to draw their inferences and
(Video in Hindi)	try to justify them through examples.
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	WEEK 4
	• Concept of division of fractions can then
	be discussed using activities in the
	textbook and laboratory manual in
	mathematics at Elementary stage
	The activities and their online sharing can
	continue in Week 4
	• Laboratory Manual for Elementary stage
	(Activities 35,36,37,39,40)
	• Learners may be involved in a game
	which goes as follows:
	\blacktriangleright Think of a number
	\rightarrow Add 7 to it
	 Multiply the result obtained by 2
	 Subtract 4
	Find half of the result obtained
	Subtract original number.
	Learners may tell the number obtained
	 Discuss the game by changing its rules
	and tru to find how all of them get the
	same ansular under given conditions
	• More such games can be played but at
	the end of the same an attempt should be
	the end of the game an attempt should be
	made to discuss about the relation
	between the conditions of the game and
	the result obtained. It may lead to
	understanding of some relation between
	numbers. The games can be modified for
	integers/fractions.