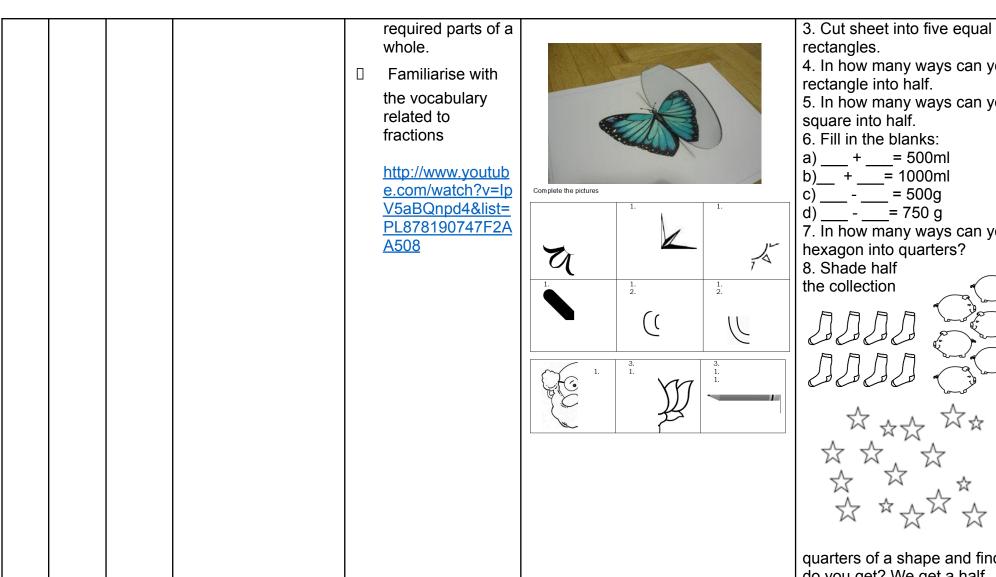
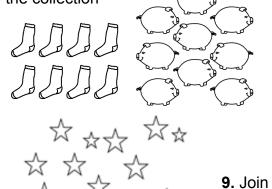
Cla	Subj	Lesso	Skill focused	TLO	Suggested Activity	LAT
SS	ect	n no/na				
		me				
IV	Subje ct-Ma them atics	Lesson -9 (Halve s and Quarte r	☐ Knowledge ☐ Understanding ☐ Computation ☐ Problem Solving Ability	 Understands the concept of half and quarter using chapatti, cake etc. Estimates fraction of a whole Understands fraction as division. Knows concept of equivalent fraction. Solves problem related to fraction To form two equal from a whole Divide whole into 4 equal parts. Shading the given figures into 	Individual Task— Divide the given chocolate into halves in different ways. - Color ½, ¼, 2/3, 1/3 part of a circle. Activity - 1 Collecting similar things. Dividing the collection into two equal halves. Count and cross check the answer. Then a few shapes are given to divide into two equal parts in as many ways as possible. The children say that each one is a half or the teacher explains that one out of two parts is called half and written as ½. The same repeated for quarter also. Colour ½ the rectangle in as many ways as possible. Activity -2 Recall mirror halves The teacher can use the mirror to show the mirror halves or using paper folding.	1. Shade the part/s of shapes: 1/2 3/4 1/4 2 3/4 1/4 2 3/4 1/4 3 4 1/4 4 1/4 5 1/4 6 1/4 7 1/4 7 1/4 8 1/4 9 1/4 9 1/4 1 1/4



- 4. In how many ways can you cut a
- 5. In how many ways can you cut a

7. In how many ways can you cut a



quarters of a shape and find out what do you get? We get a half. Join 3 quarters of a shape and find out what

	Activity – 3 1. Children are given a tape. They are asked to measure 1 m in it. Then divide it into two equal halves and find out that half a metre = 50 cm. Then divide further to find that quarter metre = 25 cm ½ m = 50 cm ½ m = 25 cm ¾ m = 75 cm 2. Recall the bottle experiment and 1000 ml = 1l ½ l = 500 ml ¼ l = 250 ml ¾ l = 750 ml 3. Recall 1000 g = 1 kg ½ kg = 500 g ¼ kg = 250 g ¾ kg = 750 g 4. Recall 100paise= 1 rupee ½ rupee = 50 paise ¼ rupee = 25 paise ¾ rupee = 75 paise	do you get? We get ¾. Join 4 quarters of a shape. We get a whole. Colour ¾ of the shapes 10. Practice exercises 1. In how many different ways can you give ¾ I of milk? 2. In how many different ways can you give ¼ kg of toffee? 3. How can you pay 75 paise using different denominations of coins? 4. In how many different ways can you balance ¾ kg? 1. Pind:-
		½ of 60 = ½ of 42 = ½ of 38 = ½ of 100 = ½ of 86 = ¼ of 8 =

	1/4 of 16 = 1/4 of 40 = 1/4 of 32 = 1/4 of 20 =
	Practice problems Page 106 Note: Can also think of a quarter as half of half so ½ x 48 is half of 24 (which is half of 48).
	 I brought 50 pencils on my birthday. I distributed half of them. How many did I distribute? How nany are left with me? A farmer plucked 80 mangoes from a tree. Quarter of them were ripe. How many are ripe and how many are raw? There are 44 children in our class. Half of them are boys. How many girls are there? My father bought 12 apples. We ate quarter of them yesterday. How many are left? A 2 rupee coin+ a 1rupee coin+ two 25 paise coins will add upto Will a 5 rupee note + a 1 rupee note + three quarter rupee coins add to 7rupees? Observe the price list and answer.
	Item Price

Γ				potato	20	
				carrot	24	
				radish	36	
				beetroot	42	