	<u>Summer 1 Year 1</u>	LEAD Acadomy Trust		
Links to prior learning/ objectives	Resources	Vocabulary: Lead • Empower • Achieve • Drive		
Children will have learned to read and recognise numbers to 10 and 20. Counting with accuracy, forwards and backwards, using a range of strategies: one to one correspondence; counting out and counting all, counting on and building through ten. Number bonds to 10 and 20. Finding one more, one less. Addition and subtraction with numbers up to 10 and 20. Representing amounts up to 10 /20 and problems with concrete objects and pictorially. Counting in multiples of 2/5/10. Will have seen and used money with FS2 and may be used to handling money at home.	Money- coins and notes, physical objects, tens frames, number lines, counters, sorting hoops/ bowls for sharing. Mastery: (where to find some resources) • Teaching for Mastery • White Rose New and old documents • Mastery maths stickers • Nrich (curriculum mapping)	Money, coin, penny, pence, pound, price, cost, buy, sell, spend, spent, pay, change, dear(er), costs more, costs less, cheaper, costs the same as How much?, how many? Total Addition, subtraction, total, altogether, first, then, now, missing number, equal, one-step problems. Array, multiply, divide, one-step problems, concreate, pictorial, Whole Equal parts, four equal parts One of two equal parts Parts of a whole Equal grouping Equal sharing One half, two halves A quarter, two quarter		
Objectives and Teaching				
Barriers to ARE (misconceptions) Week 1	Recognise and know the value of different de	enominations of coins and notes.		
Children may not recognise what the coin means. Children may not recognise the worth of the coin- 5p is smaller than a 2p coin but is worth more. Children may mix up knowledge of counting/ number composition and the coins that can be used.	 To know what each coin represents. To understand what each coin represents. To know what each note represents. To know how to count coins. 	ents.		
Fluency	Reasoning	Problem Solving		



chieve • Drive

Joe













Summer 1 Year 1

Gavin is counting bananas.



Can you spot his mistake?

Mo and Libby are making arrays.



Who has made a mistake? Explain why.

Toby and Lilly are writing number sentences to describe the array.



Who do you agree with? Explain why.

I E A D Acadomy Trust Jenny makes an array but stops. She has finished her first row. Can you complete her array?



Zeb and Paulo each have the same amount of sweets.

They each have less than 20 sweets.

Zeb has 5 equal groups of sweets. Paulo has grouped his sweets in tens.

How many sweets do they each have?

I am thinking of a number between 20 and 30

I can only make equal groups of 5 with it.

What must my number be?

What happens when I try make groups of 2 with it?

What happens when I try make groups of 10 with it?



• Drive



Drive

Each child has the same amount of



How many equal groups of 2 can you make with t mittens?

There are _____ groups of 2 mitten If you had 10 mittens, how many equal groups of 2 mittens could you make?

Take 20 cubes. Complete the sentences. I can make _____ equal groups of 2 I can make _____ equal groups of 5 I can make _____ equal groups of 10

Complete the table. Use equipment to help you.







sweets. The amount of sweets they have is less than 20. They share the sweets equally in different ways. Can you work out how many they had to begin with? I share my sweets Max between two bags and 00 have none left over. I share my sweets between five bags and Lexi have one left over. I share my sweets Robin between ten bags and have 6 left over Grant and Lauren are sharing 5 cakes. I should get the left over cake because I bought them. Grant Nobody should get 100 the left over cake. Lauren Who is being fair? Explain why.

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Share the muffins equally between the two plates. Complete the sentence cakes shared equally between 2 is Cakes shared equally between 2 is Use 20 cubes and hoops to represent your friends. Can you share the cubes between 5 friends? 20 shared between 5 equals Can you share the cubes between 2 friends? 20 shared between 2 equals Can you share the cubes between 10 friends? 20 shared between 10 equals Tim has 16 bananas. He shares them equally between two boxes	Look at the different images. What's the same? What's different? a. b. c. c.	L.E.A.D. Academy Trust Lead • Empower • Achieve • Drive
Represent and solve the problem.		
Week 5 Children may not understand what a fraction represents. Children may not understand/ confuse the different parts of a fraction. Children may not see the link between fractions and division. Children may be inaccurate with their sharing.	 To understand what a half is. To know how to find half of a shape o To know how to find half of a quantity 	r object. /.
Fluency Show half of the shape	Reasoning Matthew is finding halves. He says, "It is hard to find half of an odd number." Do you agree? Explain why.	Problem Solving







Tim gets half of 12 coins. How many coins does he get?

How many halves can I get from the two whole apples?



Which of these show halves?



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True or false? I use the 2 times table to find a half of an amount. Convince me!

Sam is halving the number 20. He gets 20 cubes and 3 plates. Has he done this correctly? Explain why.

Arvind has a shape that is split into 4 equal parts. He shades in 2 parts and says "I have shaded half of my shape." Do you agree? Explain why. Can you split each of these shapes into two equal halves? Explain why for each shape.





Here is a tower made from cubes.

Which tower is showing double this tower? Explain why using the word 'half'.

- A tower of 7 cubes.
- A tower of 8 cubes.
- A tower of 6 cubes.

	Summer 1 Vear 1	
Week 6 Same as week 5.	 Recognise, find and name a quarter as one of quantity. To understand what a quarter is. To know how to find a quarter of a shear to know how to find a quarter of a quarter o	L.E.A.D. Academy Trust of four equal parts of an object, shape ochieve • Drive nape or object. uantity.
Fluency A cake is cut into 4 equal pieces. How many pieces can each person get? • What is a quarter of the amount of cupcakes? How many boxes do you need when finding a quarter? • Which of these shows quarters? • Which of these shows quarters? • Which of these shows quarters? • Tom is finding one quarter of 20. He gets 20 cubes. How many plates does he need?	Reasoning• Mr. White has asked us to put $\frac{1}{4}$ of the balls into the hoop. Who is correct? Explain why.• • • • • • • • • • • • • • • • • • •	Problem Solving Get a circle template, rectangle template and square template. Each template represents 1 whole. Can these be put into quarters? Are they equal? () Use a bag of skittles to start with different whole numbers. How many different quarter amounts can you find? Record them in a table. Mhole number I find one quarter of my starting number. The answer is 3. What was my number? () How many ways can I share these pizzas between four people? Output Outpu