Supporting your child with North America

Objectives	Can your child answer these questions?	Examples	Date
Know pairs of numbers with a total of 11, 12, or 13.	***How many different ways can I make 11/12/13 using two numbers?*** ***If I have*** *10,* ***how many more do I need to make 11/12/13?*** *(Use sets of 11, 12 0r 13 objects and rearrange them in different ways to practise)*	9 and ? is 11. 7 + ? = 11 11 = 6 + ? 12 is made of 10 and ? 8 + ? = 13	
Know addition and subtraction facts for 20.	***Which pairs of numbers make 20?*** ***If I have*** *10,* ***how many more do I need to make 20?*** ***If I have 20 sweets and eat*** *6* ***how many will I have left?*** ***Can you make a fact family with each pair of numbers that make 20?*** *(Use a set of objects and rearrange them in different ways to practise)*	6 + 14 = 20 10 + 10 = 20 20 – 6 = 14 Fact family: 6 +14 = 20 14 + 6 = 20 20 – 6 = 14 20 – 14 = 6	
Know the 2 times table, including division facts.	***Can you count in 2s?*** ***Can you say the 2 x table in order?*** ***Can you say the 2 x table in reverse order?*** ***Can you recall 2 x table facts in random order?*** ***If 10 x 2 = 20, what is 20 divided by 2?*** ***Can you make a fact family for each of the 2 x table?*** *(Use pairs of objects such as socks to support the learning of 2 x table facts and to support the understanding of division as sharing or grouping by 2.)*	2, 4, 6, 8, 10… 1 x 2 = 2, 2 x 2= 4… 12 x 2 = 24, 11 x 2 = 22… What is 7 x 2? What is 9 x 2? If I know 5 x 2 = 10, I know that 10 divided by 2 is 5. I also know that 10 divided by 5 is 2. Fact family: 3 x 2 = 6 2 x 3 = 6 6 ÷ 2 = 3 6 ÷ 3 = 2	
Know the 10 times table, including division facts.	***Can you count in 10s?*** ***Can you say the 10 x table in order?*** ***Can you say the 10 x table in reverse order?*** ***Can you recall 10 x table facts in random order?*** ***If 2 x 10 = 20, what is 20 divided by 10?*** ***Can you make a fact family for each of the 10 x table?***	10, 20, 30, 40, 50… 1 x 10 = 10, 2 x 10 = 20… 12 x 10 = 120, 11 x 10 = 110… What is 7 x 10? What is 9 x 10? If I know 5 x 10 = 50, I know that 50 divided by 10 is 5. I also know that 50 divided by 5 is 10.	

	(Use groups of objects such as bundles of spaghetti to support the learning of 10 x table facts and to support the understanding of division as sharing or grouping by 10.)	Fact family: 3 x 10 = 30 10 x 3 = 30 30 ÷ 10 = 3 30 ÷ 3 = 10	
Know the 5 times table, including division facts.	***Can you count in 5s?*** ***Can you say the 5 x table in order?*** ***Can you say the 5 x table in reverse order?*** ***Can you recall 5 x table facts in random order?*** ***If 4 x 5 = 20, what is 20 divided by 5?*** ***Can you make a fact family for each of the 5 x table?*** *(Use groups of objects or items such as gloves to support the learning of 5 x table facts and to support the understanding of division as sharing or grouping by 5.)*	5, 10, 15, 20, 25, 30… 1 x 5 = 5, 2 x 5 = 10… 12 x 5 = 60, 11 x 5 = 55… What is 7 x 5? What is 9 x 5? If I know 6 x 5 = 30, I know that 30 divided by 5 is 6. I also know that 30 divided by 6 is 5. Fact family: 3 x 5 = 15 5 x 3 = 15 15 ÷ 5 = 3 15 ÷ 3 = 5	
Know doubles to 15, halve even numbers to 30.	***What is double*** *(insert number 1-15)****?*** ***Doubling and halving are inverse operations, they are opposites…If I know double 10 is 20, what is half of 20?*** ***Can you make doubling and halving families?*** *(Use sets of objects and double by adding equal amounts e.g. 11 + 11. Use even sets of objects and share them between 2 plates to halve practically and learn facts.)*	Double 12 is 24. Double 14 is 28. 17 + 17 = 34 Double 15 is 30 so half of 30 is 15. Doubling and halving family: Double 12 is 24. Half of 24 is 12.	
Draw empty number lines and order 2-digit numbers on these.	***Can you draw and put*** *34, 51 and 15* ***on a blank number line?*** ***Where would you put*** *42****?*** ***Where would you put*** *12, 18, 10 and 22* ***on a blank number line?*** ***Are your number lines different depending on the numbers?*** *(Practise using completed number lines, move to drawing number lines showing ones, then showing only 10s and finally blank.)*	42 15_____30_34____|_____51 10_12_____18___22	
Compare and order 2-digit numbers.	***Which number is largest/greatest,*** *34 or 56****?*** ***Which number is the smallest,*** *78 or 87****?*** ***Can you put the correct symbol (<, >, =) between these numbers,*** *19 __ 25****?*** ***Can you put these numbers in order, greatest to smallest?*** ***Can you put these numbers in order, smallest to greatest?***	56 is greater than 34. 78 is less than/smaller than 87. 56 > 34 78 < 87 12 = 12 98, 76, 52, 12	

	(Using a hundred square is useful to support. Pegging number cards to a washing line is a fun way to order numbers. Make < > and = cards to place between numbers and sets of objects.)	12, 52, 76, 98	
Count in halves.	***If I cut a cake in half how many pieces will I have?*** ***How many people can you now give some cake to?*** ***Draw 10 circles and draw a line down the middle to half them, how many halves are there altogether?*** ***Can you count in halves to find the total? E.g. ½, 1, 1 ½, 2, 2 ½, 3…***	1 cake cut in half is now in 2 equal pieces. 2 people can now eat the cake. 10 cakes cut in half = 20 halves. ½, 1, 1 ½, 2, 2 ½, 3, 3 ½, 4, 4 ½…	