Year 1 – Provision Activity Cards
Spring Block 1 – Addition and Subtraction

National Curriculum Objectives:

Mathematics Year 1: (1C1) Represent and use number bonds and related subtraction facts within 20
Mathematics Year 1: (1N1a) Count to and across 100, forwards and backwards, beginning with 0 or 1, or from any given number
Mathematics Year 1: (1C2a) Add and subtract one-digit and two-digit numbers to 20, including zero
Mathematics Year 1: (1C2b) Read, write and interpret mathematical statements involving addition (+), subtraction (–) and equals (=) signs
Mathematics Year 1: (1N2c) Read and write numbers from 1 to 20 in numerals and words
Mathematics Year 1: (1C4) Solve one-step problems that involve addition and subtraction, using concrete objects and pictorial representations, and missing number problems such as 7 = – 9
Mathematics Year 1: (1N4) Identify and represent numbers using objects and pictorial representations including the number line, and use the language of: equal to, more than, less than (fewer), most, least
Mathematics Year 2: (2N2b) Compare and order numbers from 0 up to 100; use <, > and = signs

More Year 1 Addition and Subtraction resources.

Did you like this resource? Don't forget to review it on our website.

Year 1 – Provision Activity Cards
Spring Block 1 – Addition and Subtraction

Step 1 – Add by Counting On
Step 2 – Find & Make Number Bonds
Step 3 – Add by Making 10
Step 4 – Subtraction – Not Crossing 10
Step 5 – Subtraction – Crossing 10 (1)
Step 6 – Subtraction – Crossing 10 (2)
Step 7 – Related Facts
Step 8 – Compare Number Sentence

More Year 1 Addition and Subtraction resources.

Did you like this resource? Don't forget to review it on our website.

Provision Activity Cards – Key to Display

Build it

Find it

Write it

Explain it

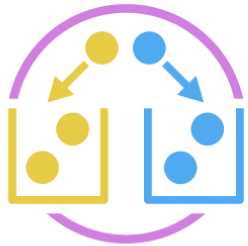
Count it

Cut it out

Read it

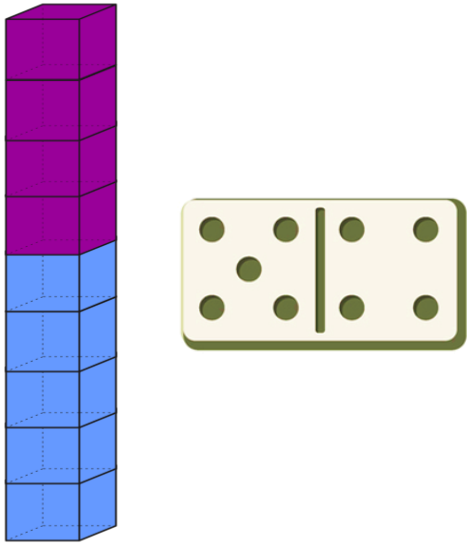
Complete it

Draw it

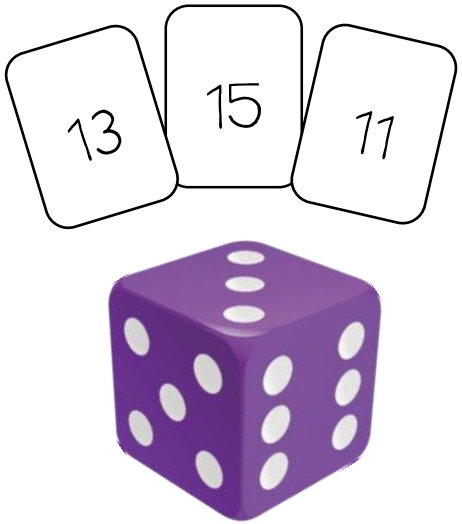
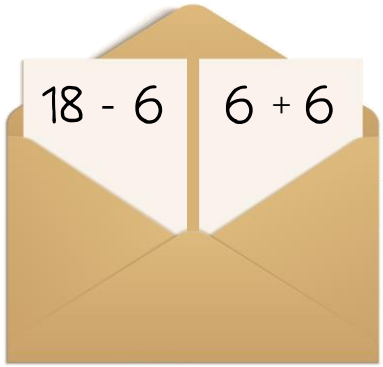


Sort it

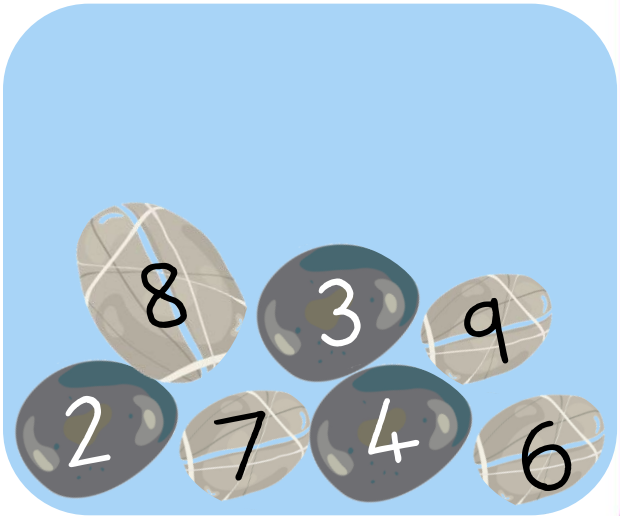
Provision Activity Cards – Addition and Subtraction – Add by Counting On

Advice and ideas	Maths VF	Maths RPS
Maths VF Select a domino and count the number of spots on each side. Find the corresponding number of cubes in two different colours to show the addition. Build a tower and count on to find the total. **Maths RPS** Provide an envelope with two calculations inside, for example, eleven + six and six + eleven. Ask the children to solve the calculations and explain what they notice.	123 **Use cubes to find the domino's total.**  CLASSROOM Secrets VF	**What do you notice about the calculations?**  CLASSROOM Secrets RPS

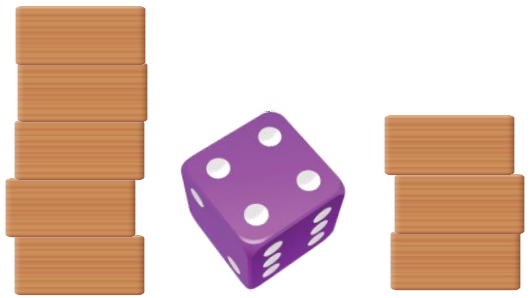
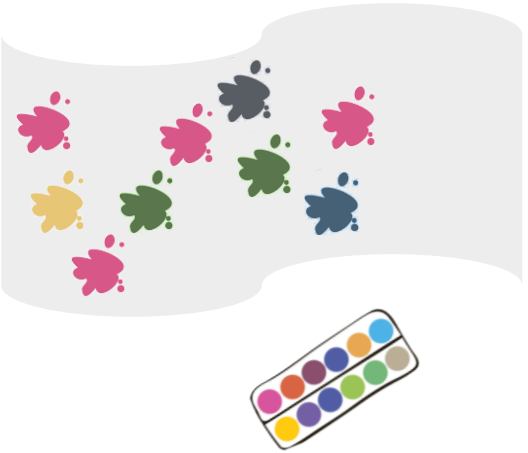
Provision Activity Cards – Addition and Subtraction – Add by Counting On

Advice and ideas	Maths VF	Maths RPS
Maths VF Children to pick a card then roll a dice. Starting with the number displayed on the card, model counting on the value shown on the dice to find a new total. **Maths RPS** Provide an envelope with two calculations inside, for example, eighteen – six and six + six. Ask the children to solve the calculations and explain what they notice.	123 **Pick a card and roll a dice. What is the total?**  CLASSROOM Secrets VF	 **What do you notice about the calculations?**  CLASSROOM Secrets RPS

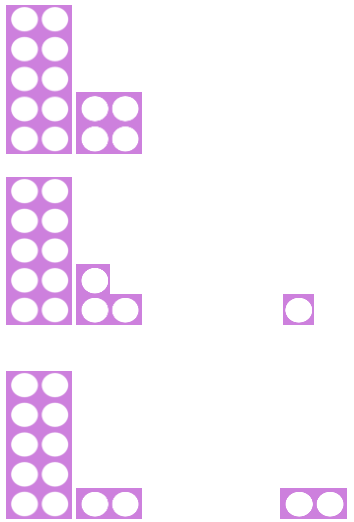
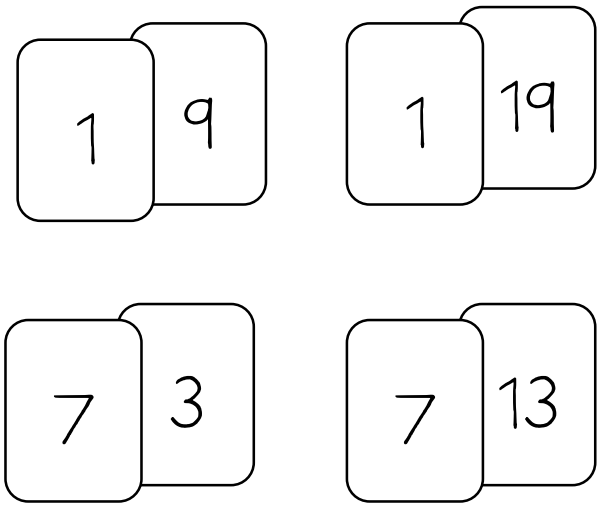
Provision Activity Cards – Addition and Subtraction – Add by Counting On

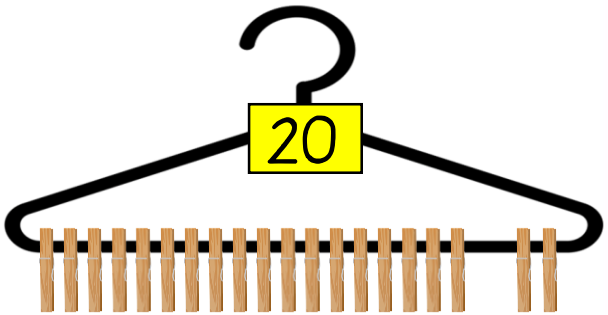
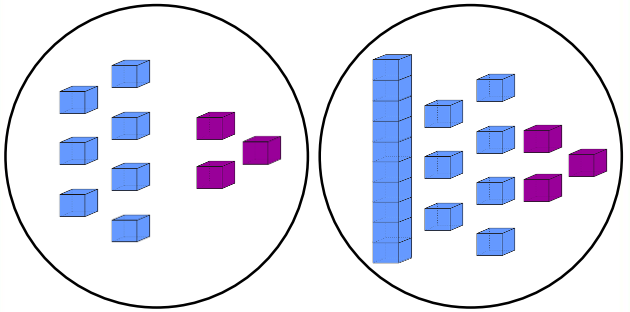
Advice and ideas	Sand	Water
Sand Children to draw a number line in the sand. Display a number sentence on a whiteboard or similar. Children to use the number line to show their counting on.	**Write a number line in the sand to 20.** 0 20	**Build a number sentence.** 
Water Write numbers on two different types of pebbles. Model finding pebble A and then pebble B. Use the numbers to create an addition. Count on to find the total.		

Provision Activity Cards – Addition and Subtraction – Add by Counting On

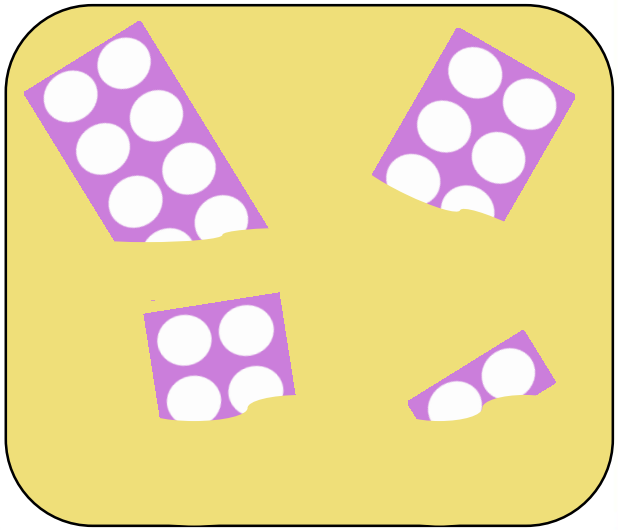
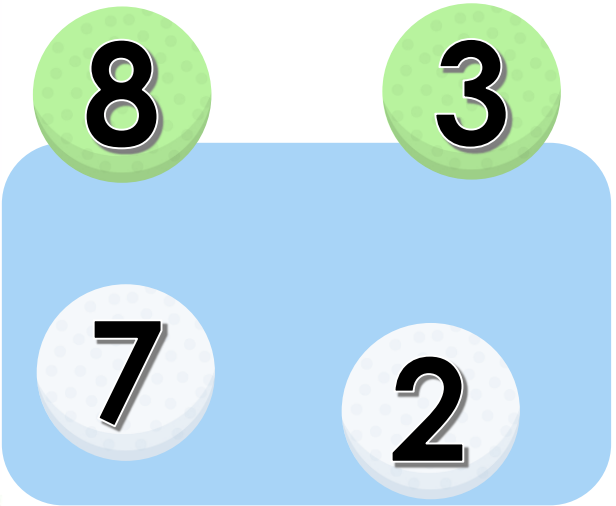
Advice and ideas	Construction/STEM	Creative
Construction/ STEM In pairs, children roll a dice and add that number of blocks to their tower. The winner is the first child to reach exactly twenty. Model the use of language: I had five, rolled three, now I have eight. **Creative** Children to create a number line to twenty that they can use in different areas around the room to assist their counting. Model different ways of producing a number line.	**Have a race with a friend.** 20  CLASSROOM Secrets	**Create a number line to 20.**  CLASSROOM Secrets

Provision Activity Cards – Addition and Subtraction – Find and Make Number Bonds

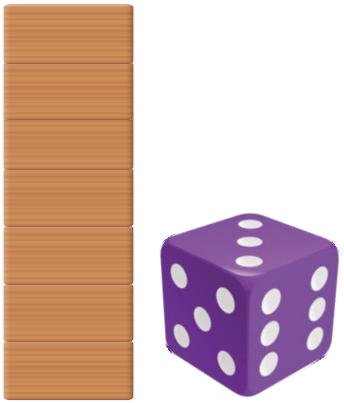
Advice and ideas	Maths VF	Maths RPS
Maths VF Set up number pieces (as displayed) to start the pattern. Children to use number pieces to systematically complete the pattern and record the number bonds. **Maths RPS** Display number cards in arrangements representing bonds to ten and twenty respectively. Children to identify and discuss the pattern.	**Follow the pattern. Record the bonds.**  CLASSROOM Secrets VF	**Explain the pattern.**  CLASSROOM Secrets RPS

Advice and ideas	Maths VF	Maths RPS
Maths VF Using pegs and coat hangers, children to investigate different number bonds. Children to record the bonds that they make. **Maths RPS** Set up two hoops with addition calculations represented inside (a bond to ten and a bond to twenty). Ask the children to explain the similarities and differences between the two calculations.	**Find and record bonds to 20.**  18 + 2 = 20 CLASSROOM Secrets VF	**What do you notice about these numbers?** 7 + 3 17 + 3  CLASSROOM Secrets RPS

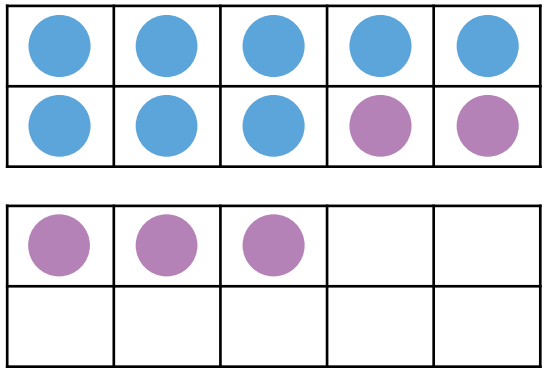
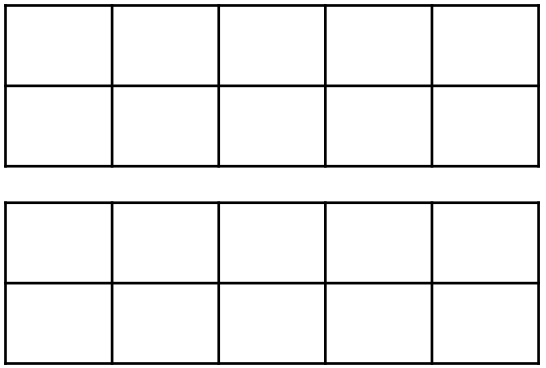
Provision Activity Cards – Addition and Subtraction – Find and Make Number Bonds

Advice and ideas	Sand	Water
Sand Bury number pieces in the sand. Children to find the pieces in the sand and put them to together to create bonds to ten. **Water** Write number bonds to ten on a mixture of ping-pong and golf balls. Children to choose a ping-pong ball and then find the corresponding golf ball to complete the bond ten.	Follow the number bonds to 10. 	Find number bonds to 10 in the water. 

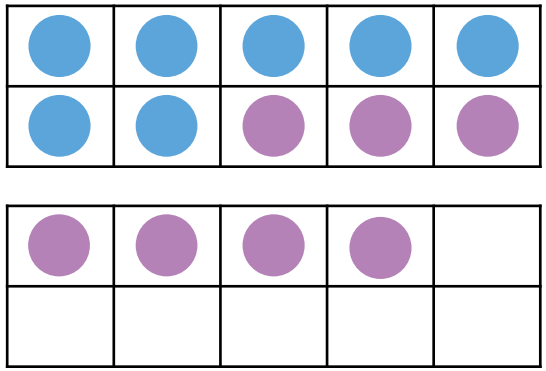
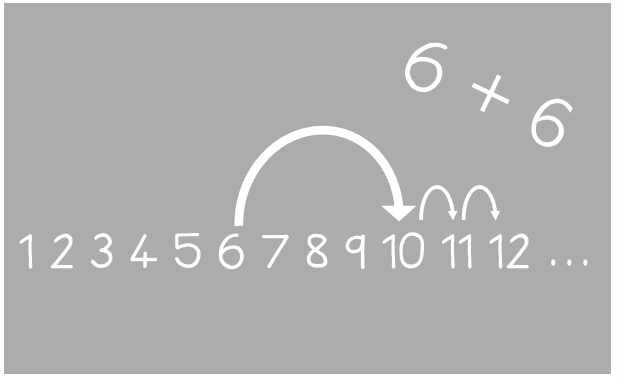
Provision Activity Cards – Addition and Subtraction – Find and Make Number Bonds

Advice and ideas	Construction/STEM	Creative
Construction/ STEM Children roll a dice. Children to attempt to roll two numbers that make a bond to ten or twenty. Build a tower to show the number bond. A ten-sided dice should be used to create bonds to twenty. **Creative** Provide some string and pasta tubes. Children to thread ten pieces of pasta onto the string. This can be used as a number bond to ten abacus. Children to decorate their abacus.	**Roll a dice. Make the number bond to 10 and 20.** 	**Thread 10 pieces of pasta.** 

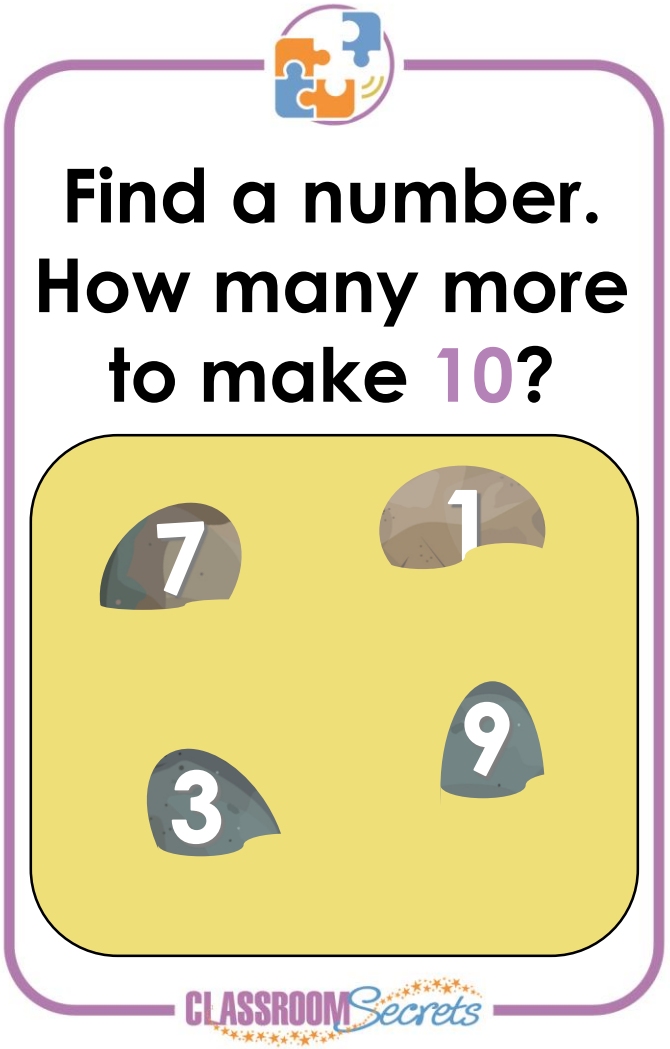
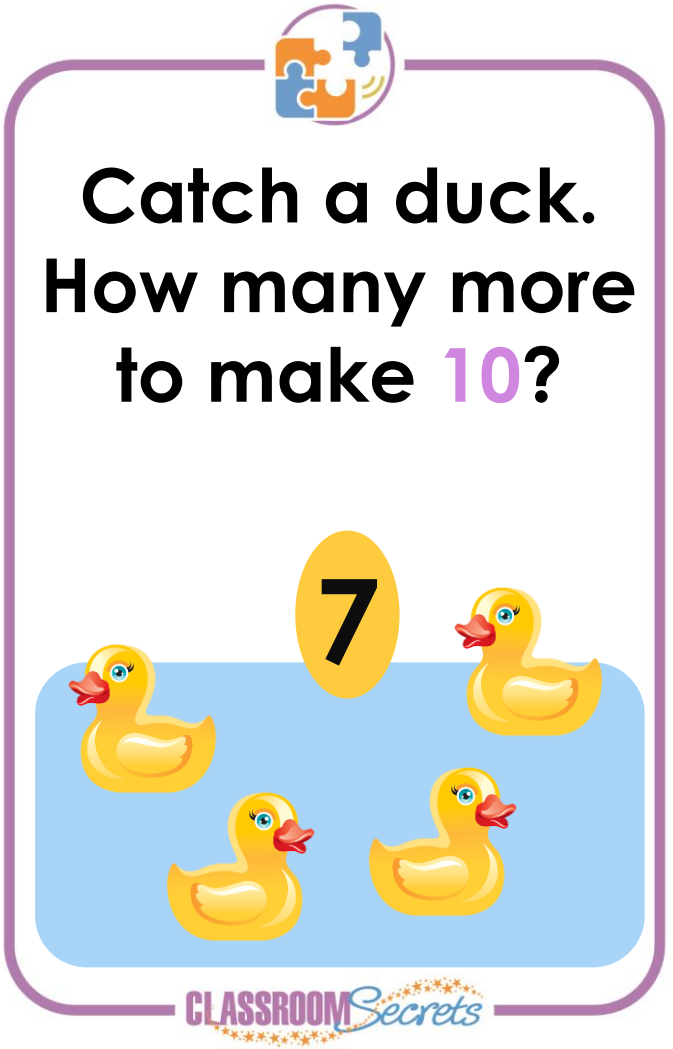
Provision Activity Cards – Addition and Subtraction – Add by Making 10

Advice and ideas	Maths VF	Maths RPS
Maths VF Provide sets of two different coloured counters. Children choose a calculation card. Encourage children to make ten and count on the remaining counters to find the total. **Maths RPS** Provide ten frames and an incorrect calculation. Children to explain why the calculation is incorrect and prove it.	123 **Use ten frames to solve the calculation.** 8 + 5  CLASSROOM Secrets VF	 **Use ten frames to show why this is wrong:** **8 + 6 = 16**  CLASSROOM Secrets RPS

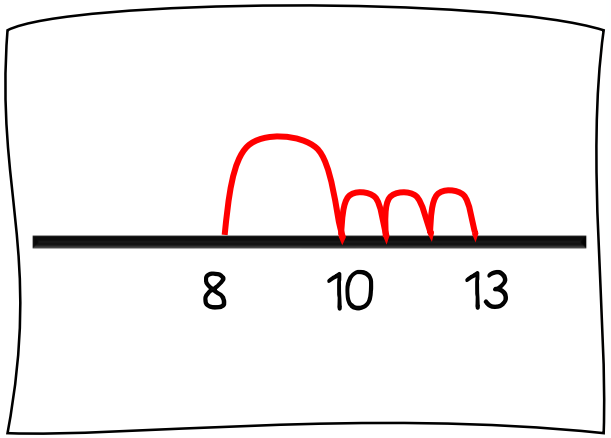
Provision Activity Cards – Addition and Subtraction – Add by Making 10

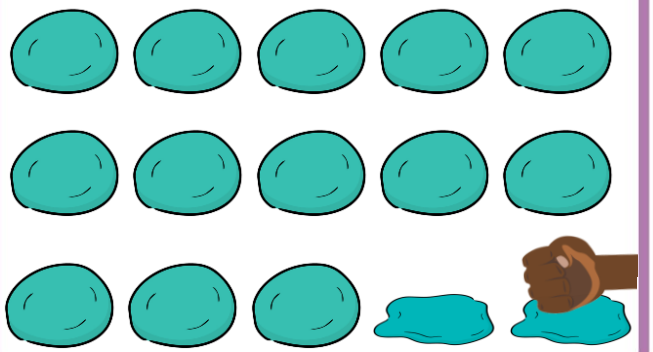
Advice and ideas	Maths VF	Maths RPS
Maths VF Provide sets of two different coloured counters. Children choose a calculation card. Encourage children to make ten and count on the remaining counters to find the total. **Maths RPS** Draw a number line to twenty with the children. Write a number sentence and encourage children to use the number line to show their counting. Ask the children to explain their working.	123 **Use ten frames to solve the calculation.** 7 + 7  CLASSROOM Secrets VF	 **Use chalk to show and explain your counting.**  CLASSROOM Secrets RPS

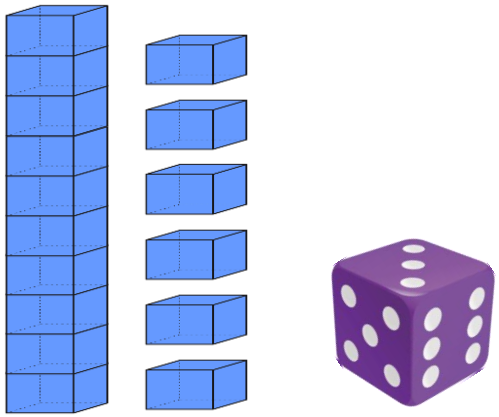
Provision Activity Cards – Addition and Subtraction – Add by Making 10

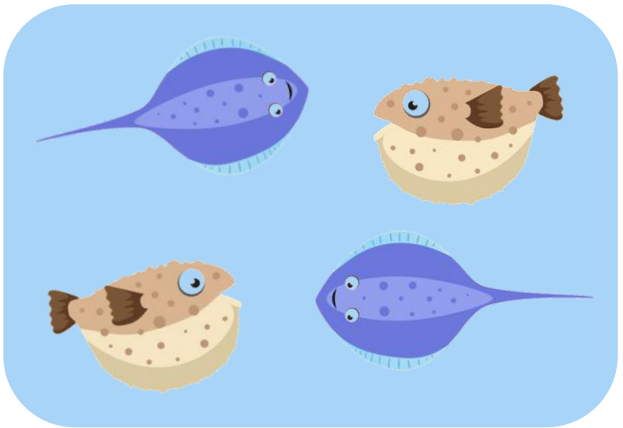
Advice and ideas	Sand	Water
Sand Write single-digit numbers on different stones/pebbles. Model finding a stone/pebble and counting on to ten. This can then be extended to counting to ten and beyond. **Water** Write numbers on the base of ducks. Children to catch the ducks and work out what needs to be added to each number to make ten. Model counting on to identify the number bond to ten.		

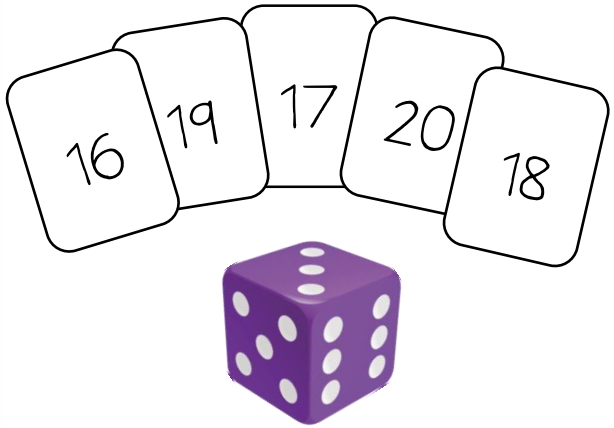
Provision Activity Cards – Addition and Subtraction – Add by Making 10

Advice and ideas	Construction/STEM	Creative
Construction/ STEM Children to use boxes to create two ten frames. These can then be used as a resource aid when looking at other challenges in the classroom that require the use of a ten frame. **Creative** Display a number sentence in the creative area. Children to paint a number line. Show the jump from the initial number to ten, then show the subsequent jumps.	**Construct 2 ten frames.**   CLASSROOM Secrets	**Paint to 10 and count on.** 8 + 5 =  CLASSROOM Secrets

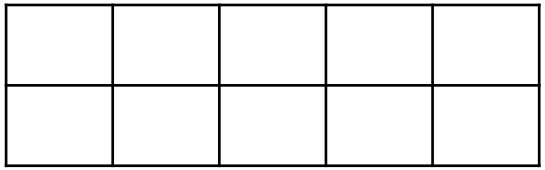
Advice and ideas	Maths VF	Maths RPS
Maths VF Provide a subtraction calculation card. Children to use the playdough to represent the calculation. Ensure that calculations do not cross ten. **Maths RPS** Provide number cards thirteen-twenty for children to use as a starting number, to ensure no crossing of 10. Provide a choice of concrete resources to use in order to prove/ disprove the statement.	Choose a calculation card. Represent it using the dough.  CLASSROOM Secrets VF	Does minus 3 always gives an odd number? 3 Prove it. CLASSROOM Secrets RPS

Advice and ideas	Maths VF	Maths RPS
Maths VF Provide ten counting cubes and a dice. Children to count the number of cubes and take away the score on the dice. Ask children to recite the number story. First I had, then… and now I have… **Maths RPS** Provide a number sentence frame and manipulatives. Encourage children to investigate the possible numbers that could complete the statement.	123 **How many are left after taking away the dice score?**  CLASSROOM Secrets VF	 **What could the missing number be?** 18 – ? > 11 CLASSROOM Secrets RPS

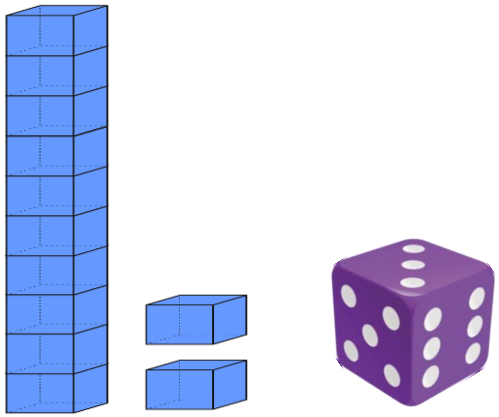
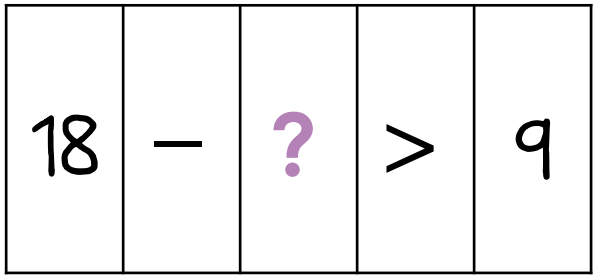
Advice and ideas	Sand	Water
Sand Write or use sticky labels to display number sentences on different buckets. Children to build the correct number of sandcastles and knock some down to show the subtraction. **Water** Place a number of fish in the water. Children to first count the total in the water, then remove some fish to subtract. For example, nineteen fish take away three fish equals sixteen fish.	Build sandcastles to show the take away.  	Count all the fish. Catch some fish to take them away. 

Advice and ideas	Construction/STEM	Creative
Construction/ STEM Provide digit cards (numbers sixteen – twenty). Children to build a tower to match their digit card. Children to then roll a dice and take away the number of cubes shown on the dice. **Creative** Children to build a bus with twenty passengers on. Role-play a bus route and take passengers away on reaching different stops, until there are 10 left. Model subtraction vocabulary.	**Build the tower. Roll the dice to take away. How many are left?**  CLASSROOM Secrets	**Make a bus. Count passengers off at different stops.**  CLASSROOM Secrets

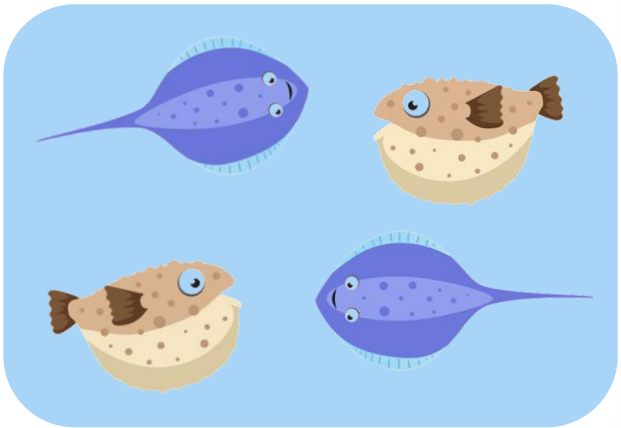
Provision Activity Cards – Addition and Subtraction – Subtraction – Crossing 10 (1)

Advice and ideas	Maths VF	Maths RPS
Maths VF Provide subtraction calculation cards. Children to select a card and use the playdough to represent the calculation. Ensure that calculations cross ten. **Maths RPS** Provide ten frames and a number of calculations. Children to use these resources to prove which calculation is correct.	Choose a calculation card. Represent it using the dough.  15 – 6 CLASSROOM Secrets VF	Use ten frames to show which is correct: 16 – 8 = 8 16 – 8 = 10 16 – 8 = 12  CLASSROOM Secrets RPS

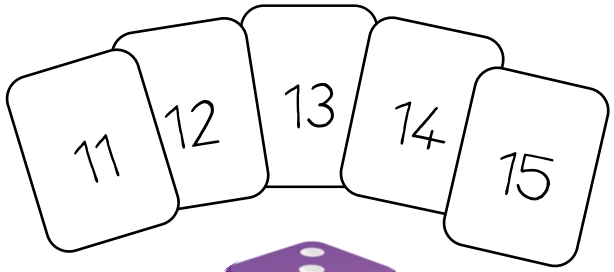
Provision Activity Cards – Addition and Subtraction – Subtraction – Crossing 10 (1)

Advice and ideas	Maths VF	Maths RPS
Maths VF Provide counting cubes over ten and a dice. Children to count the number of cubes and take away the score on the dice. Ask children to recite the number story. First I had, then… and now I have… **Maths RPS** Provide a number sentence frame and manipulatives. Encourage children to investigate possible numbers that could fill the gap.	How many are left after taking away the dice score?  CLASSROOM Secrets VF	What could the missing number be?  CLASSROOM Secrets RPS

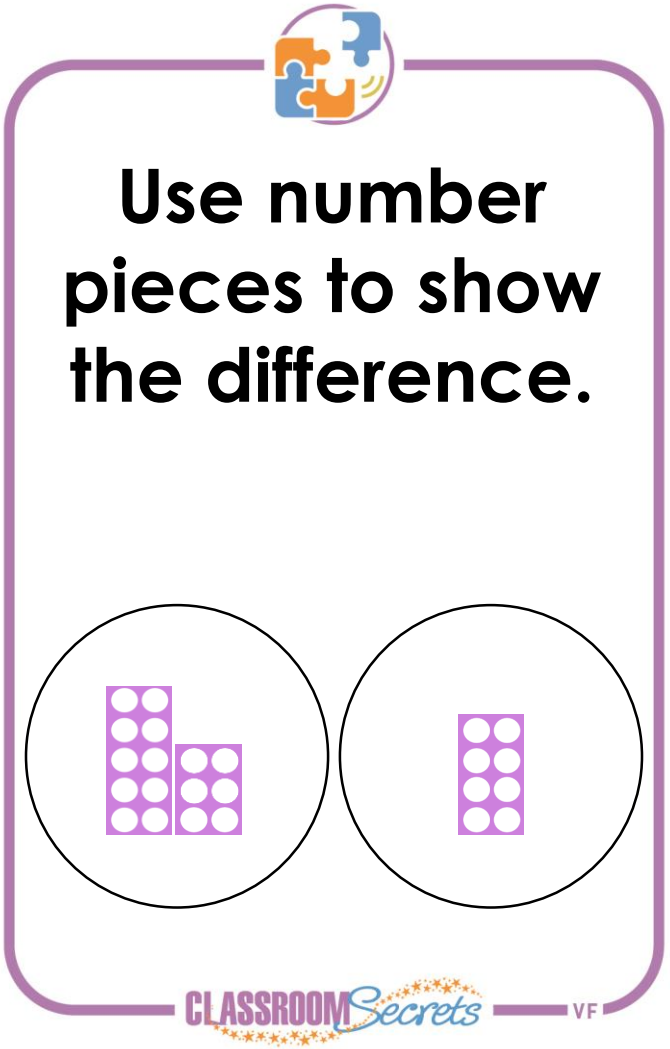
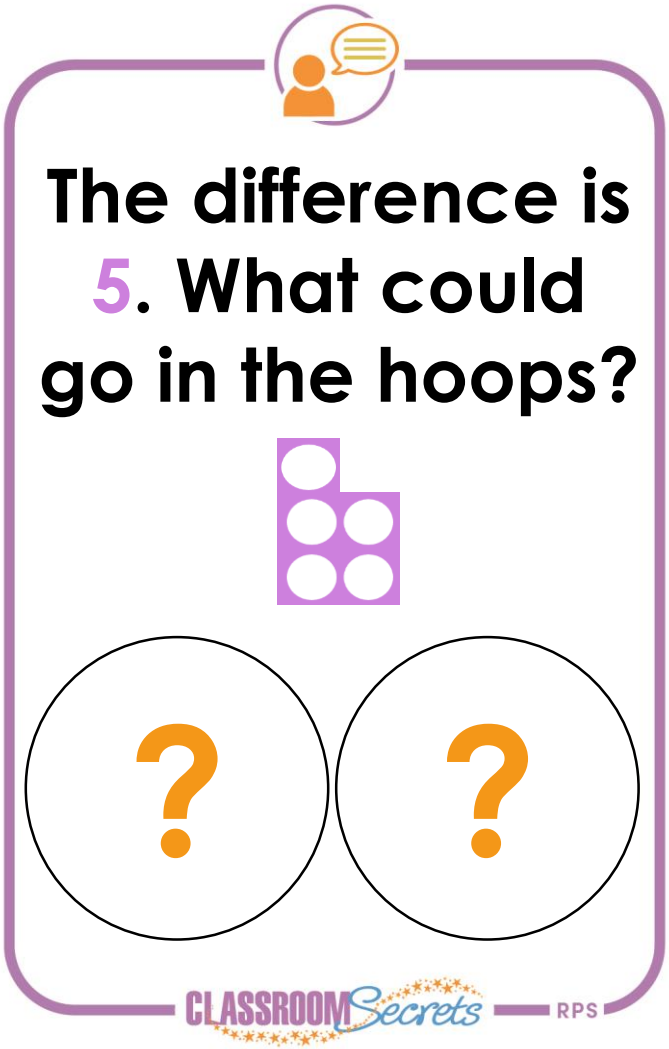
Provision Activity Cards – Addition and Subtraction – Subtraction – Crossing 10 (1)

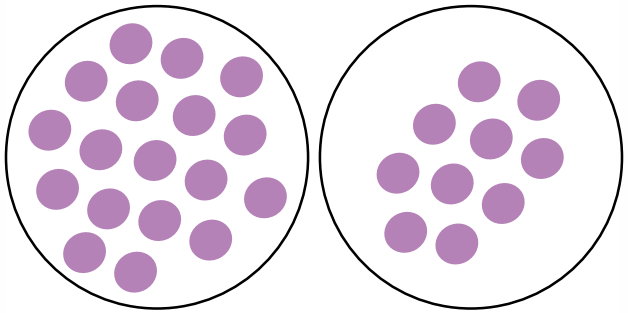
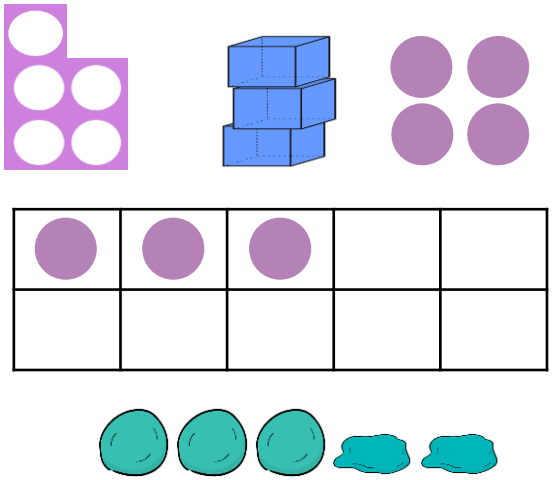
Advice and ideas	Sand	Water
Sand Write or use sticky labels to display number sentences on different buckets. Children to build the correct number of sandcastles and knock some down to show the subtraction. **Water** Place a number of fish in the water. Children to first count the total in the water, then remove some fish to subtract. For example, twelve fish take away three fish equals nine fish.	**Build sandcastles to show the take away.** 	**Count all the fish. Catch some fish to take them away.** 

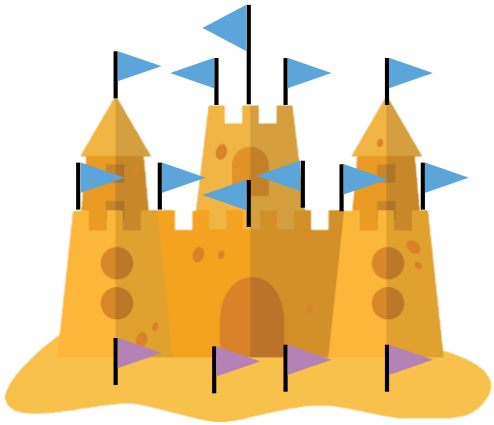
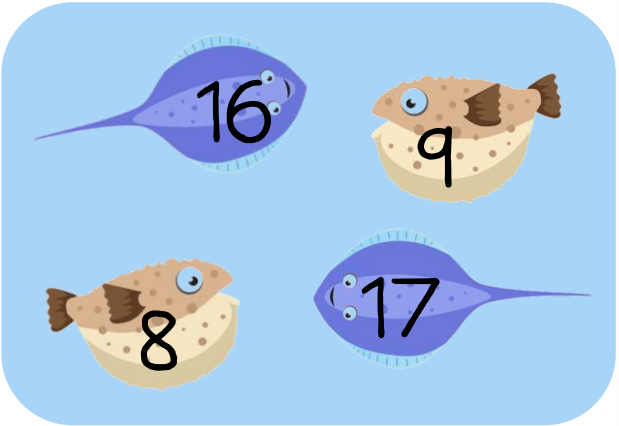
Provision Activity Cards – Addition and Subtraction – Subtraction – Crossing 10 (1)

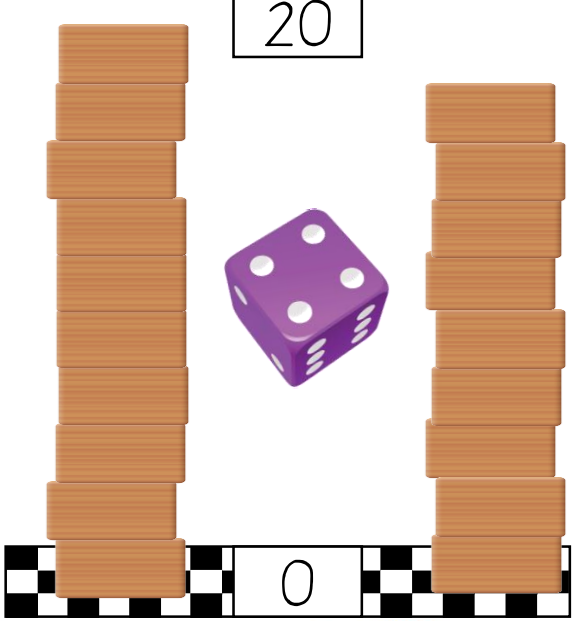
Advice and ideas	Construction/STEM	Creative
Construction/ STEM Provide digit cards (numbers eleven – fifteen). Children to build a tower to match their digit cards. Children to then roll a dice and take away the number of cubes shown on the dice. **Creative** Children to build a bus with up to fifteen passengers on. Role-play a bus route and take passengers away on reaching different stops. Model subtraction vocabulary.	**Build the tower. Roll the dice to take away. How many are left?**   CLASSROOM Secrets	**Make a bus. Count passengers off at different stops.**  CLASSROOM Secrets

Provision Activity Cards – Addition and Subtraction – Subtraction – Crossing 10 (2)

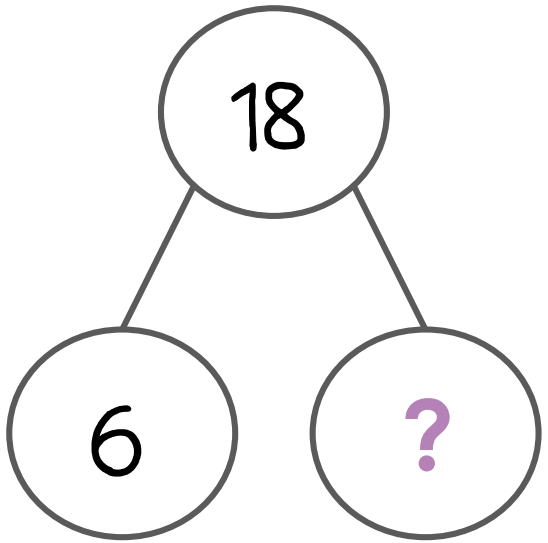
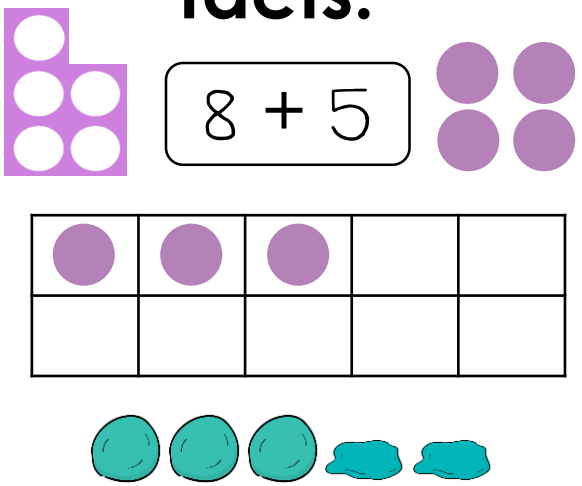
Advice and ideas	Maths VF	Maths RPS
Maths VF Place two different values in two hoops. Children to use the number pieces and any other manipulatives to find the difference between the two values. **Maths RPS** Model finding the difference between two numbers, for example, fifteen and ten. Children then to find different possibilities. Encourage the children to record their learning.		

Advice and ideas	Maths VF	Maths RPS
Maths VF Place two different values in two hoops. Children to use the counters and any other manipulatives to find the difference between the two values. **Maths RPS** Children to represent the calculation in different ways, using a range of different resources. Encourage use of subtraction vocabulary, e.g. subtract, take away, difference.	Use counters to show the difference.  CLASSROOM Secrets VF	How many ways can you show 15 – 6?  CLASSROOM Secrets RPS

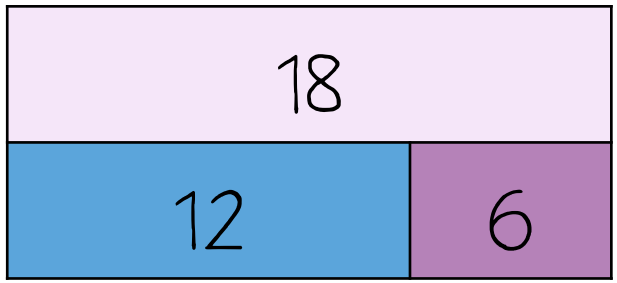
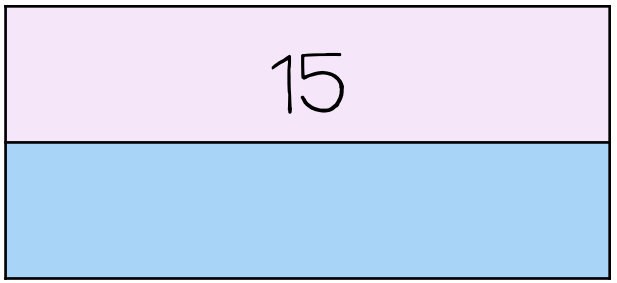
Advice and ideas	Sand	Water
Sand Children to count each group of different coloured flags. Model finding the difference between the two groups. **Water** In the water, place two different types of fish with values written on. Children to catch one of each fish and find the difference between the two values.	**What is the difference between the flags?** 	**Find the difference between two fish.** 

Advice and ideas	Construction/STEM	Creative
Construction/ STEM In pairs, children each build a tower of twenty blocks. In turn, they roll a dice and take away the number displayed. Ask the children, who is winning? By how many? Children to find the difference. **Creative** Display a calculation in the creative area. Children to draw or paint a story that illustrates the number sentence.	**Have a race with a friend.** 	**Draw a picture to show the calculation.** 

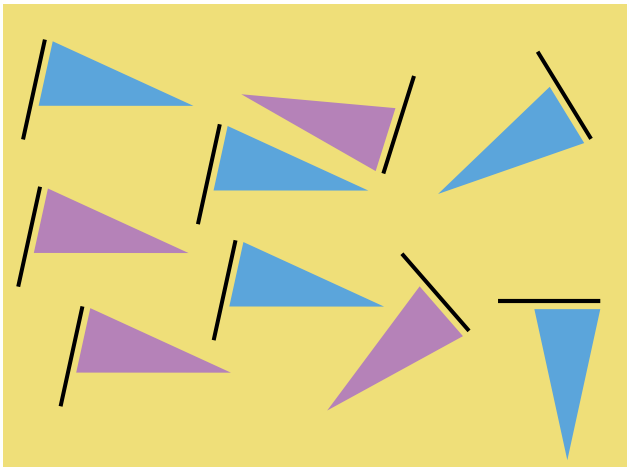
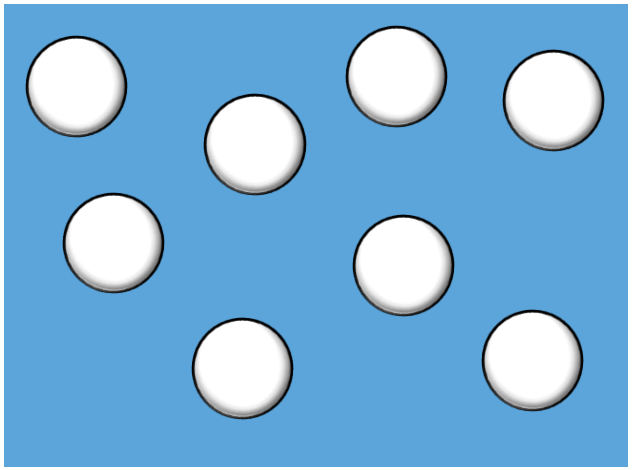
Provision Activity Cards – Addition and Subtraction – Related Facts

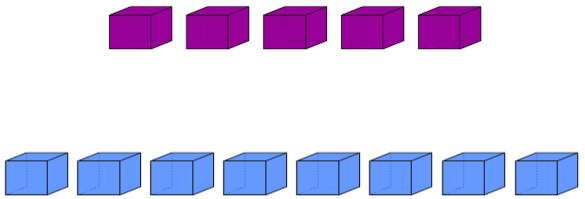
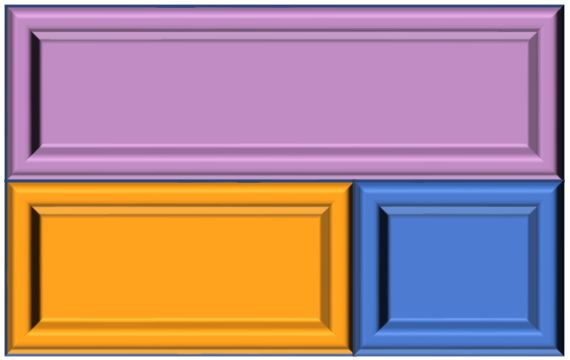
Advice and ideas	Maths VF	Maths RPS
Maths VF Provide a range of manipulatives for children to find the missing part and complete the part-whole model. Children to use the part-whole model to record the related number facts. **Maths RPS** Children to represent the calculation in different ways, using a range of different resources.	**Find the missing part and write the facts.**  CLASSROOM Secrets VF	**Use different resources to show the related facts.**  CLASSROOM Secrets RPS

Provision Activity Cards – Addition and Subtraction – Related Facts

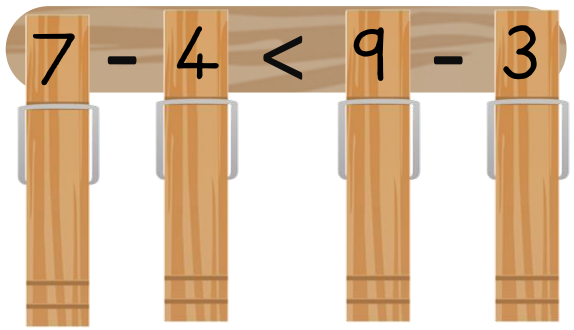
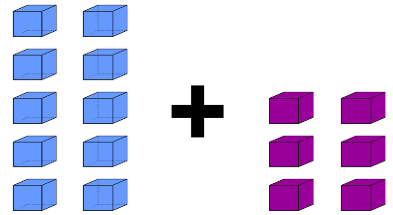
Advice and ideas	Maths VF	Maths RPS
Maths VF Show the children a bar model. Model writing the related facts. Children to then look at the displayed bar model and record the related facts.	**Write the related facts for the bar model.**  CLASSROOM Secrets VF	**Draw and complete this bar model. Record the facts.**  CLASSROOM Secrets RPS
Maths RPS Using manipulatives and working systematically, model the different ways to fill in two parts to complete the bar model. Encourage the children to record the related facts.		

Provision Activity Cards – Addition and Subtraction – Related Facts

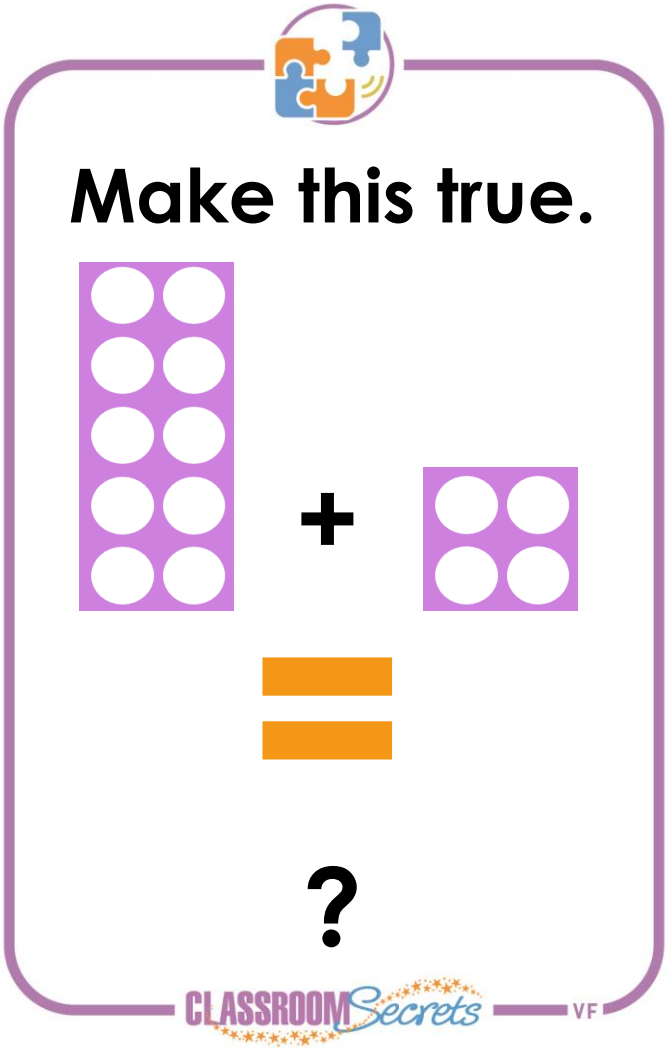
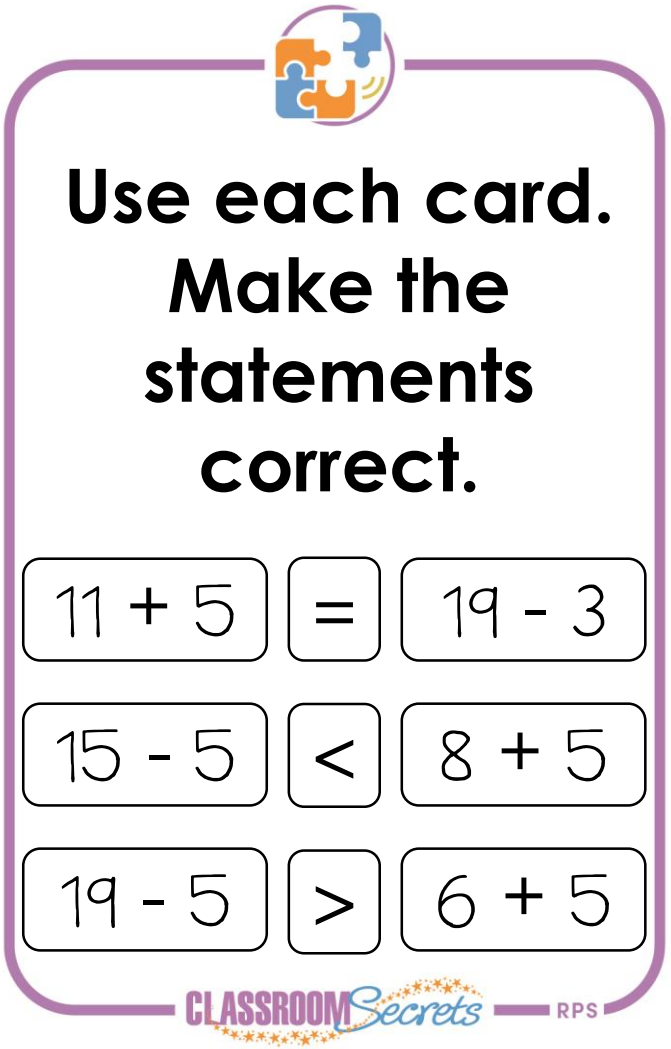
Advice and ideas	Sand	Water
Sand Write different related facts on flags. Children to match the related facts to create different fact families.	Match the related facts. 	Match the related facts. 
Water Write different related number facts on different ping-pong balls. Children to match the related facts to create different fact families.		

Advice and ideas	Construction/STEM	Creative
Construction/ STEM Children to write the different facts relating to a displayed number sentence. Children to represent the facts in different ways using manipulatives. **Creative** Children to use materials to create their own blank bar model. This could be used as an aid for other challenges. Discuss how the size of the parts would depend on the numbers used.	**Use two different coloured cubes to represent the different facts.** 8 + 5 = 	**Build your own bar model.** 

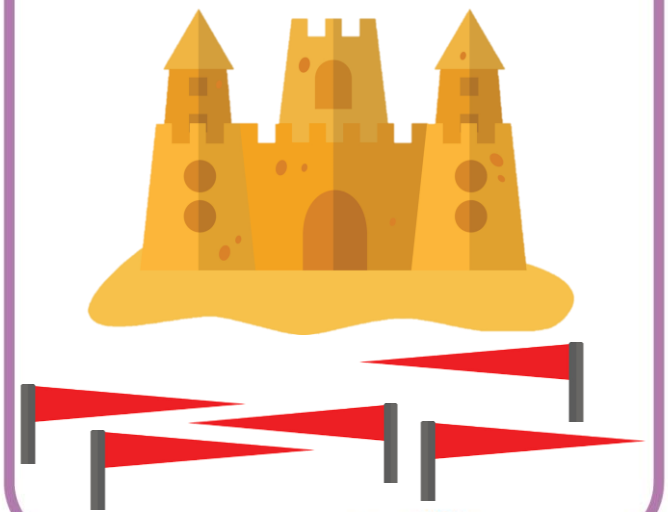
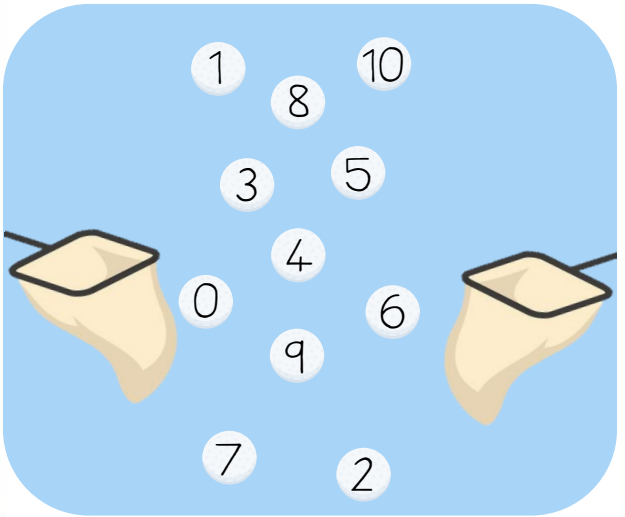
Provision Activity Cards – Addition and Subtraction – Compare Number Sentences

Advice and ideas	Maths VF	Maths RPS
Maths VF Write different digits on pegs and write comparison statements with missing numbers on lollypop sticks. Children to use the pegs to make correct statements. **Maths RPS** Provide number pieces to make the statement true. Extend this activity further by asking the children to solve it in a different way.	**Make a correct statement.**  CLASSROOM Secrets VF	**How many ways can you make this true?**  ? CLASSROOM Secrets RPS

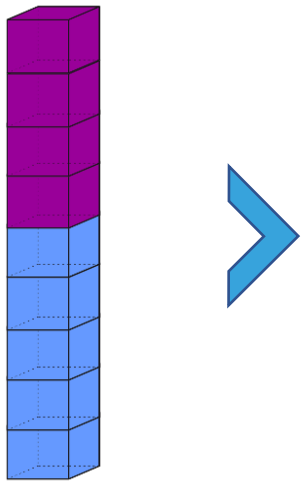
Provision Activity Cards – Addition and Subtraction – Compare Number Sentences

Advice and ideas	Maths VF	Maths RPS
Maths VF Provide number pieces to make the statement true. Extend this activity further by asking the children to solve it in a different way. **Maths RPS** Provide six number statements and three symbol cards in packs. Children to arrange the calculation and symbol cards to make correct statements.		

Provision Activity Cards – Addition and Subtraction – Compare Number Sentences

Advice and ideas	Sand	Water
Sand Write different addition and subtraction number sentences on flags. Children to place the flags that have calculations of equal value into the sandcastle. **Water** In pairs, children to catch two numbered balls each and place them into their nets. Children to create calculations and compare. For example, five + three is more than four + two.	**Put flags that are equal into the sandcastle.** 	**Compare the number sentences.** 

Provision Activity Cards – Addition and Subtraction – Compare Number Sentences

Advice and ideas	Construction/STEM	Creative
Construction/ STEM Children choose two calculation cards and build towers to show each calculation. Children compare the towers they have built using comparison language. **Creative** Provide a range of materials that can be used to create an inequality symbol. Children to use this around the classroom to create comparison statements.	**Compare two towers.** 5 + 4 6 + 2 	**Make an inequality symbol.**