

## Practical Addition – Adding in the Environment

### Development Matters and Early Learning Goal Links:

**(M-N24)** Finds the total number of items in two groups by counting all of them.

**(M-N27)** In practical activities and discussion, beginning to use the vocabulary involved in adding and subtracting.

**(ELG11)** Children count reliably with numbers from one to 20, place them in order and say which number is one more or one less than a given number. Using quantities and objects, they add and subtract two single digit numbers and count on or back to find the answer. They solve problems, including doubling, halving and sharing.

More [Provision Enhancement](#) resources.

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## Practical Addition – Adding in the Environment

### Enabling Environment – Suggested Questions:

**Can you add the two groups together?**

**How many altogether?**

**What is the total?**

**Is the number getting bigger or smaller?**

**Can you show me the add sign?**

**What does *add* mean?**

## A Unique Child – Adding in the Environment

<b>Child's name:</b> <b>Age:</b>	<b>Date:</b> <b>Practitioner:</b>
<b>40-60 Months</b> <b>(M-N24)</b> Finds the total number of items in two groups by counting all of them. <b>(M-N27)</b> In practical activities and discussion, beginning to use the vocabulary involved in adding and subtracting. <b>(M-N28)</b> Records, using marks that they can interpret and explain. <b>Early Learning Goal</b> <b>(ELG11)</b> Children count reliably with numbers from one to 20, place them in order and say which number is one more or one less than a given number. Using quantities and objects, they add and subtract two single digit numbers and count on or back to find the answer. They solve problems, including doubling, halving and sharing.	
<b>Observation:</b>	
<b>Characteristics of Effective Learning</b>	
<b>Playing and exploring</b>	<b>Active learning</b>
<ul style="list-style-type: none"> <li>Finding out and exploring</li> <li>Playing with what they know</li> <li>Being willing to 'have a go'</li> </ul>	<ul style="list-style-type: none"> <li>Being involved and concentrating</li> <li>Keeping trying</li> <li>Enjoying achieving what they set out to do</li> </ul>
<b>Creating and thinking critically</b>	
<ul style="list-style-type: none"> <li>Having their own ideas</li> <li>Making links</li> <li>Choosing way to do things</li> </ul>	
<b>Areas of Learning</b>	
<div style="display: flex; justify-content: space-around;"> <span>CL</span> <span>PSED</span> <span>PD</span> <span>L</span> <span>M</span> <span>UW</span> <span>EAD</span> </div>	
30-50	
40-60	
ELG	
<b>Next steps:</b>	

## A Unique Child – Adding in the Environment

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40-60	
ELG	
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# Provision Enhancement Key



Build it



Find it



Write it



Explain it



Count it



Cut it out



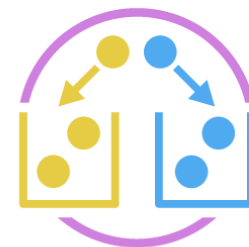
Read it



Complete it



Draw it



Sort it

# Practical Addition – Adding in the Environment

## Advice and Ideas

### Maths A

Provide a selection of calculation cards. Children to use the number pieces to solve the calculations.

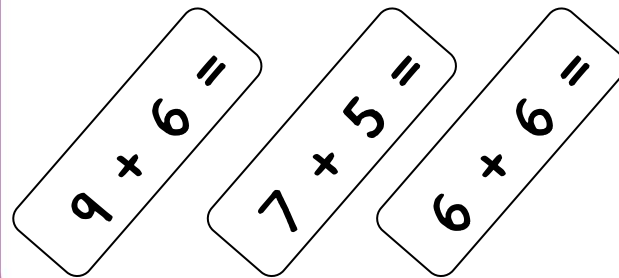
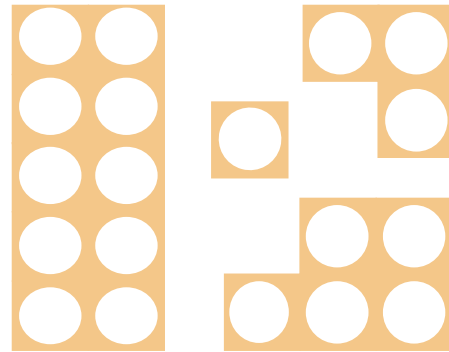
### Maths B

Children to roll two dice. Children to then use cubes to find the total.

## Maths A

123

**Solve 3 sums.**

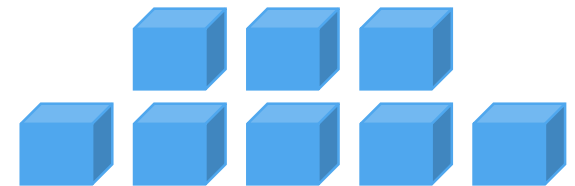


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## Maths B

123

**Roll the dice.  
Use cubes to find the total.**



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EYFS – Mathematics – Numbers – Provision Enhancement – Maths

## Advice and Ideas

### Construction/STEM

Children to choose a calculation card and use building blocks to show the addition. Children to find the total by counting all the cubes in the tower.

### Small World

Set up a farmyard. Children to find the total number of animals by counting all the animals. Children to then explain the number sentence, for example, 4 sheep add 3 pigs is 7 animals.

## Construction/STEM



**Build a tower.  
What is the  
total?**

$$4 + 3 =$$

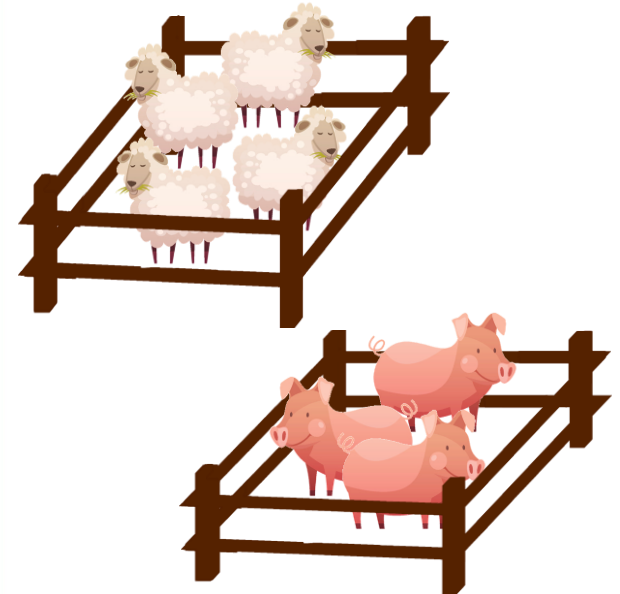


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## Small World

123

**How many  
animals in total?**



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## Advice and Ideas

### Creative

Split an A3 piece of paper into four and write different addition number sentences. Children to paint spots on the page to find the answer to each number sentence.

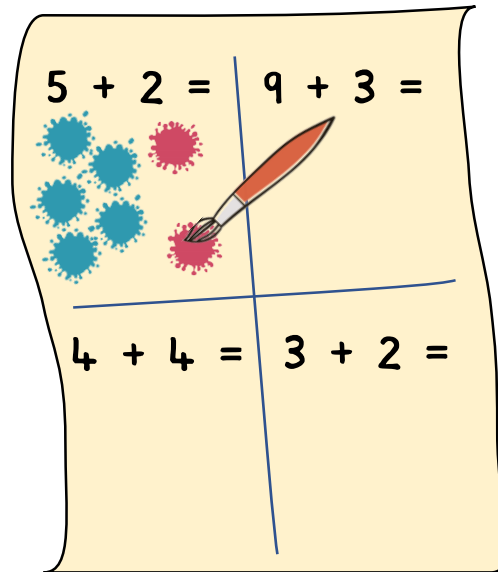
### Home Corner

Children to choose a calculation card. Children to show the addition and find the total using eggs and egg boxes.

## Creative



**Paint the spots to solve the sum.**



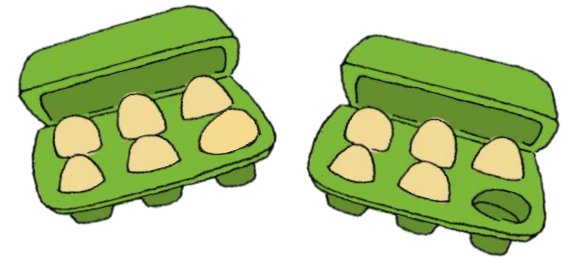
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## Home Corner



**Solve the sums using the eggs.**

$$6 + 5 =$$



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# Practical Addition – Adding in the Environment

## Advice and Ideas

### Fine Motor

Children to thread beads onto string to demonstrate the number sentence. Children to count all the beads to find the total.

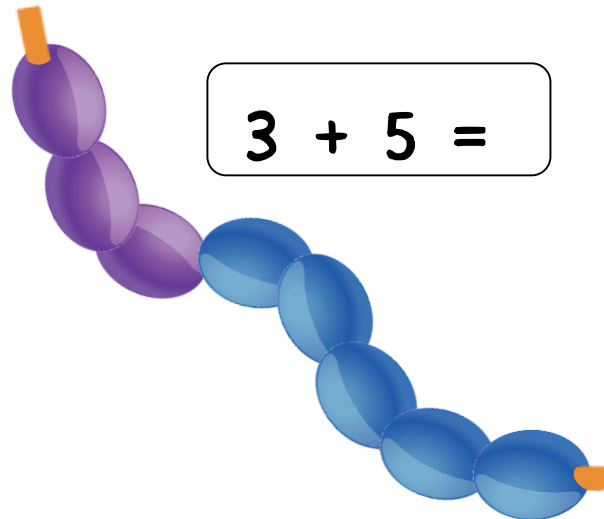
### Writing

Provide two different coloured straws and a number sentence writing frame. Children to use the write frame to write the addition. Children to count all the straws to find the total.

## Fine Motor



**Thread beads to show the addition.**



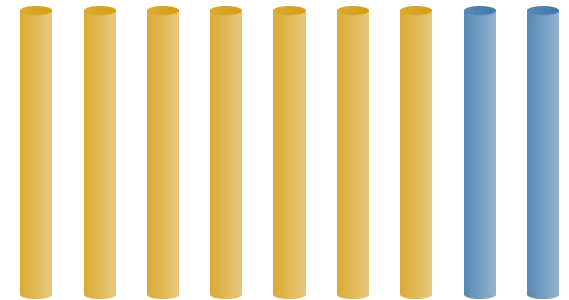
$$3 + 5 =$$

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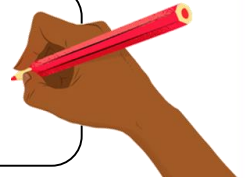
## Writing



**Record a sum and solve it.**



$$7 + 2 =$$



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EYFS – Mathematics – Numbers – Provision Enhancement – Fine Motor and Writing

## Practical Addition – Adding in the Environment

### Advice and Ideas

#### Malleable

Children to choose a calculation card. Using number pieces, children to print the number sentence they have chosen. Children to use this to find the total.

#### Tuff Tray

Place a number of counters in two quoits or hoops. Children to put all the counters together to find the total. Encourage the children to say the number sentence. Model the use of addition language.

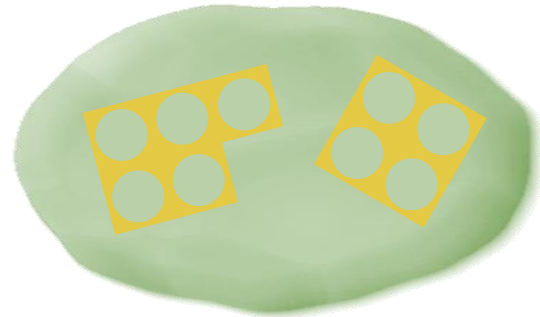
### Malleable



**Print 2 number pieces to show the sum.**

**What is the total?**

$$5 + 4 =$$

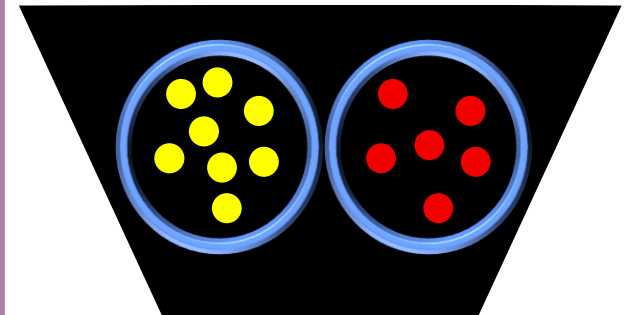


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### Tuff Tray



**How many counters in total?**



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EYFS – Mathematics – Numbers – Provision Enhancement – Malleable and Tuff Tray

## Practical Addition – Adding in the Environment

### Advice and Ideas

#### Sand

Display a number sentence in the sand. Children to use different coloured flags to show the calculation. Children to count all the flags to find the total.

#### Water

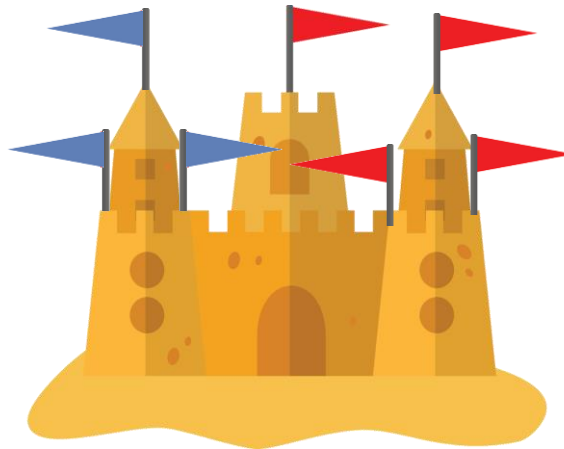
Place number pieces in the water. Children to catch two different pieces and use this to find the total. Encourage the children to say the number sentence they have created.

### Sand



**Use flags to show the total.**

$$3 + 4 =$$

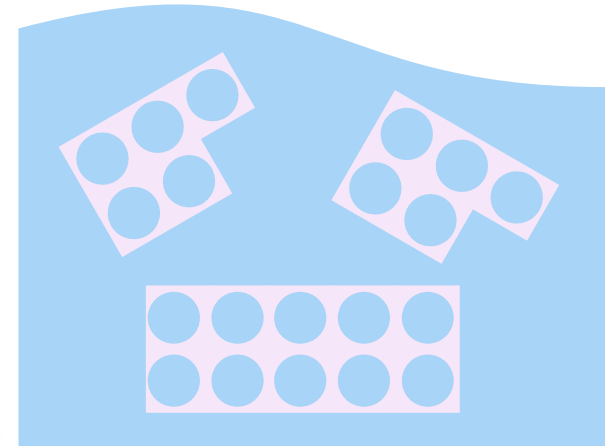


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### Water



**Catch two number pieces, what is the total?**



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EYFS – Mathematics – Numbers – Provision Enhancement – Sand and Water

## Advice and Ideas

### Snack

Place a selection of two different fruits in a fruit basket/bowl. Children to count each fruit and then find the total. Encourage the children to say the number sentence, “4 apples add 3 oranges equals 7 fruits.”

### Outdoor

Provide two hoops and a number of bean bags. Children to throw the bean bags into the hoops. Using chalk, children to record the number sentence to show how many bean bags are in the hoops.

## Snack

123

**How many of  
each fruit?  
How many  
altogether?**

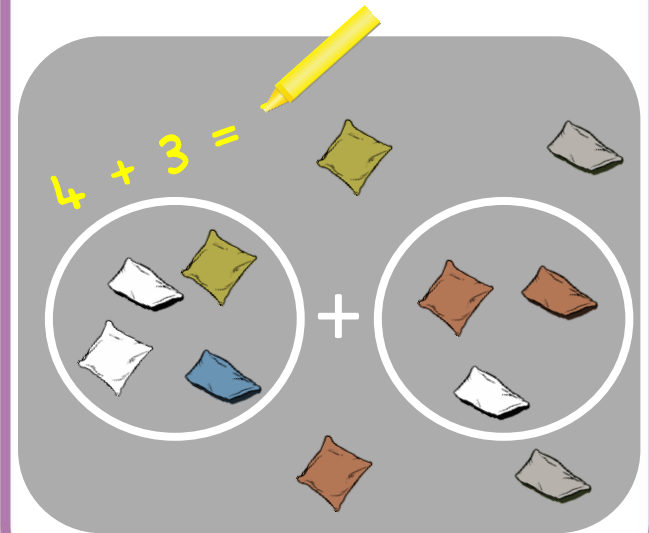


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## Outdoor



**Throw some  
bean bags.  
Write the sum.**



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