3 and 4 year olds

- (M-1) Develop fast recognition of up to 3 objects, without having to count them individually ('subitising').
- (M-5) Show 'finger numbers' up to 5.
- (M-7) Experiment with their own symbols and marks as well as numerals.

Children in Reception

- (M-23) Link the number symbol (numeral) with its cardinal number value.
- (M-26) Understand the 'one more than/one less than' relationship between consecutive numbers.
- (M-27) Explore the composition of numbers to 10.

Early Learning Goal

- Have a deep understanding of number to 10, including the composition of each number.
- Subitise (recognise quantities without counting) up to 5.
- Automatically recall (without reference to rhymes, counting or other aids) number bonds up to 5 (including subtraction facts) and some number bonds to 10, including double facts.

More **EYFS** Mathematics resources.

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Contents

Teacher Pages

Page 1 – Teaching Information

<u>Page 3 – Suggested Questions</u>

Page 4 – Observation Sheet

<u>Page 5 – Provision Enhancement Key</u>

Resource Pages for Children

Pages 6-10 - Number Cards

Pages 11-15 - Maths

Page 16 - Construction/STEM

Page 17 - Creative

Page 18 - Fine Motor

Page 19 - Home Corner

Page 20 - Malleable

Page 21 - Outdoor

Page 22 - Sand

Page 23 – Small World

Page 24 - Snack

Page 25 – Tuff Tray

Page 26 - Water

Page 27 - Writing



Do you know any of these numbers?	Do you know what this represents?
Is there another way of showing '3'?	Can you make these bricks represent 5?
This numeral is '4'. How else can you represent 4?	Find something else that shows me '2'.



Observation Sheet – All About the Numbers 1 to 5				
Child's name: Age:	Date: Practitioner:			
3 and 4 year olds (M-1) Develop fast recognition of up to 3 objects ('subitiona')	, without having to count them individually			

(M-5) Show 'finger numbers' up to 5.

(M-7) Experiment with their own symbols and marks as well as numerals.

Children in Reception

(M-23) Link the number symbol (numeral) with its cardinal number value.

(M-26) Understand the 'one more/less than' relationship between consecutive numbers.

(M-27) Explore the composition of numbers to 10.

N-ELG - Subitise (recognise quantities without counting) up to 5.

Observation:

	Characteristics of Effective Learning				
Playing and exploring		Active learning	Creating and thinking critically		
	Investigating and experiencing things, and 'having a go'.	Concentrating and continuing to try if they encounter difficulties, and enjoying achievements.	Having and developing their own ideas, making links between ideas, and developing strategies for doing things.		

Areas of Learning							
	CL	PSED	PD	L	M	UW	EAD
3 and 4 years							
Reception							
ELG							

Next steps:

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Observation Sheet – All About the Numbers 1 to 5

Child's name:	Date:
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3 and 4 year olds

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Characteristics of Elective Learning					
Playing and exploring	Active learning	Creating and thinking c			
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Areas of Learning

Characteristics of Effective Learning

Areas or Learning							
	CL	PSED	PD	L	M	UW	EAD
3 and 4 years							
Reception							
ELG							

Next steps:





Build it



Find it



Write it



Explain it



Count it



Cut it out



Read it



Complete it



Draw it



Sort it



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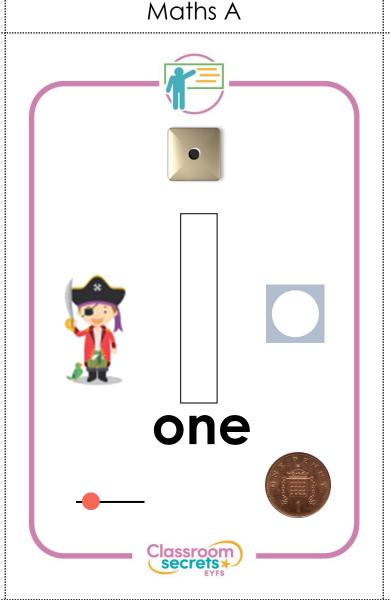
Provision Enhancement Key

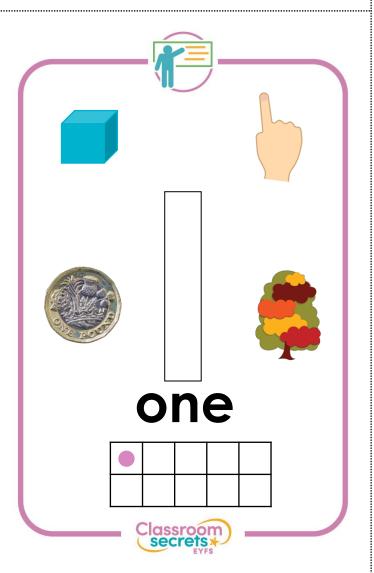
These cards can feature in different areas throughout the environment.

Advice and ideas

Use these cards to help children recognise the numeral as well as gain an understanding of the specific quantity.

The cards show familiar items, found in many settings, to help develop an understanding of how quantities can be represented in different ways.





Maths B



Advice and ideas

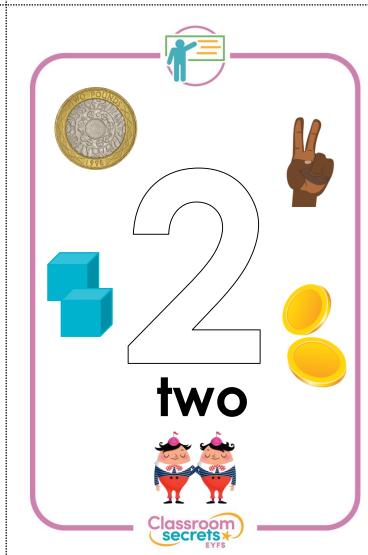
Maths A

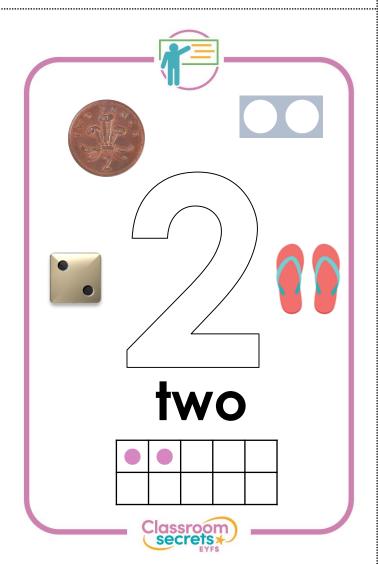
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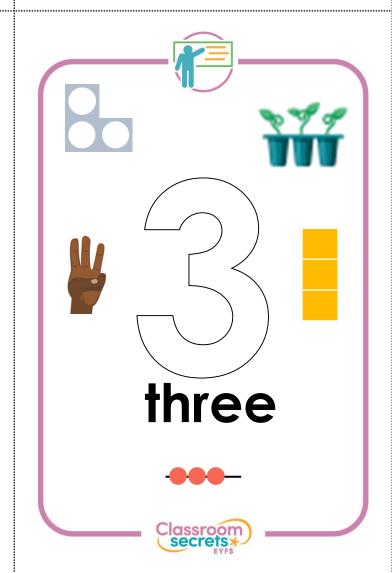


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Maths A





Advice and ideas

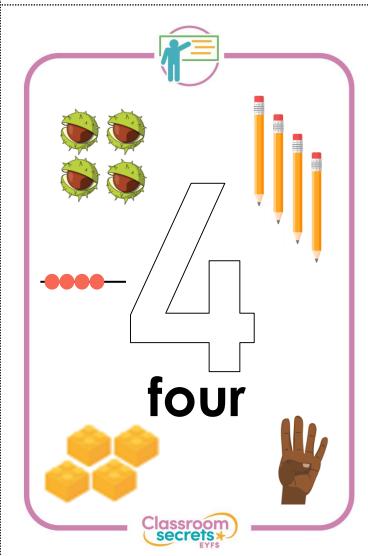
Maths A

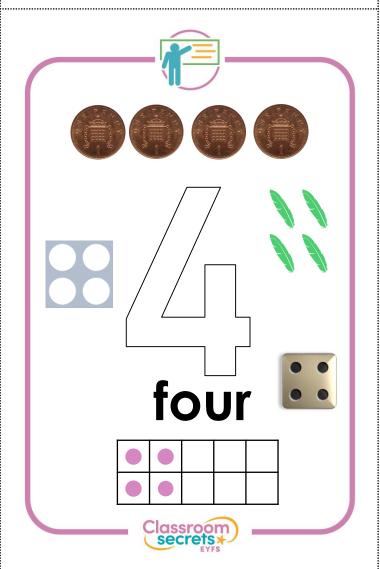
Maths B

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Advice and ideas

Maths B

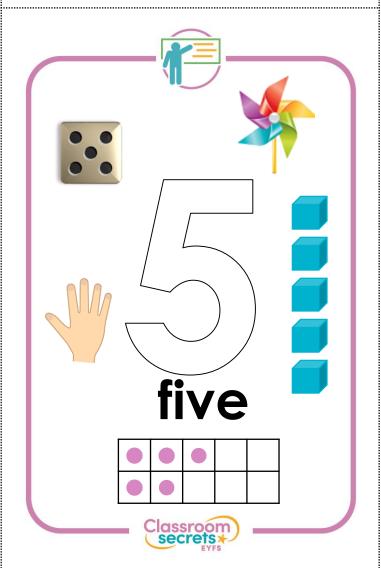
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Maths A





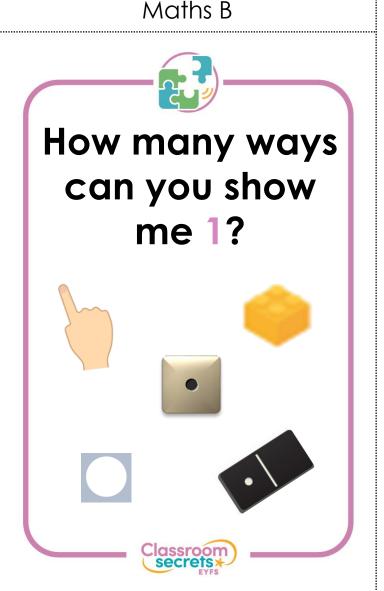
Maths A
Provide a variety of
dice for the children to
roll and find the

number one.

Advice and ideas

Maths B
Provide a range of
maths resources for the
children to show the
number one. For
example; dice, number
pieces, counters etc.







Advice and ideas

Maths A

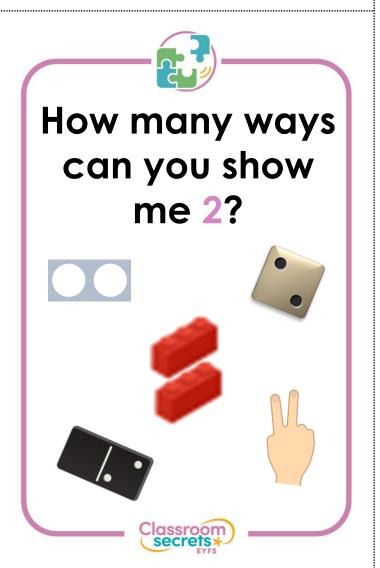
Maths B

Maths A

Using a range of maths manipulatives, children to count out a specific amount, e.g. two counters, two vehicles.

Maths B
Provide a range of maths resources for the children to show the number two. For example; dice, number pieces, counters etc.





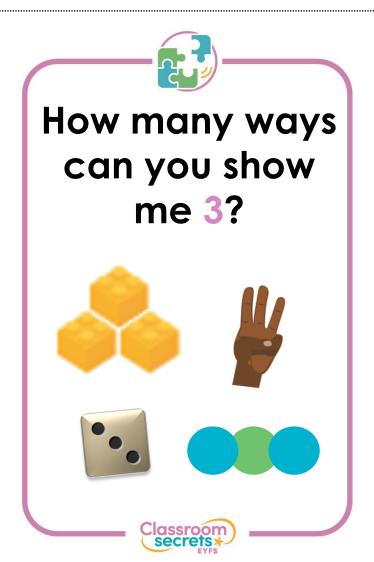


Maths A
Using number pieces
and baseboards
(optional), children to
explore the ways to
make three.

Advice and ideas

Maths B
Provide a range of
maths resources for the
children to show the
number three. For
example; dice, number
pieces, counters etc.





Maths B



Advice and ideas Maths A Maths B Maths A Provide Base 10 cubes or similar for the children to show the **Build** a tower How many ways number four. using 4 blocks. can you show me 4? Maths B Provide a range of maths resources for the children to show the number four. For example; dice, number pieces, counters etc.



Advice and ideas

Maths A

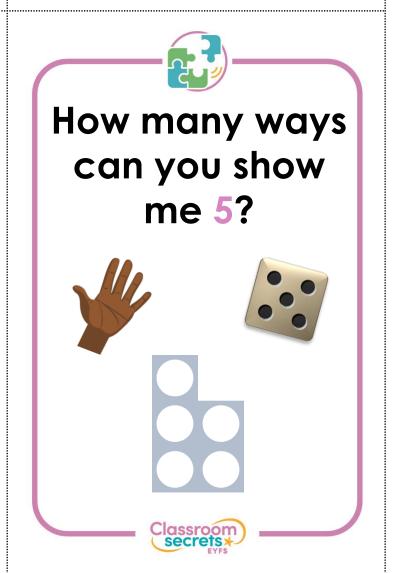
Maths B

Maths A
Using fingers or a song
mitt, children to sing a
range of number songs.
For example; 'Five Little
Men' or 'Five Cherry
Buns'.

Sing a number song with a friend.

Maths B
Provide a range of
maths resources for the
children to show the
number five. For
example; dice, number
pieces, counters etc.





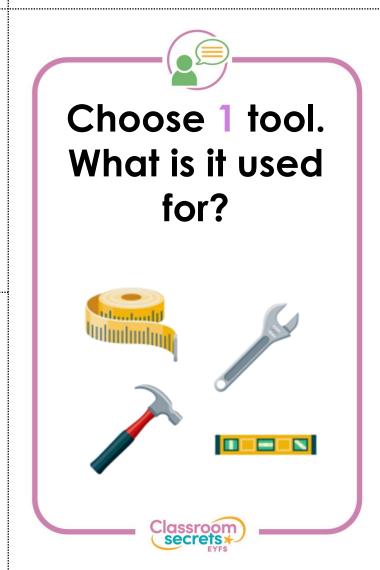


Advice and ideas

Construction/STEM A
Provide tool kit items
and encourage
children to select one
tool. Discuss what it is
called and how it is
used.

Construction/STEM B
Provide a range of
resources such as
scissors, masking tape,
treasury tags, split pins,
string, glue etc.
Encourage children to
talk about which would
be the most suitable
and why.

Construction/STEM A



Construction/STEM B





Advice and ideas

Creative A

Creative B

Creative A

Provide a variety of modelling materials for children to construct their own racing car. You could also display the numbers 3, 2, 1 for the children to refer to when reciting.

Creative B
Children to print three handprints to encourage counting a specific number.







Advice and ideas

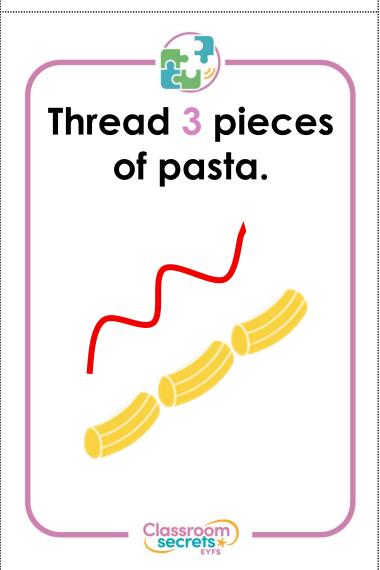
Fine Motor A

Fine Motor B

Fine motor A
Provide cups labelled
with the number four
and a variety of
tweezers and pom
poms. Children to pick
up the pom poms using
the tweezers while
counting using 1:1
correspondence.

Fine motor B
Cut different pieces of string for the children to thread three pieces of pasta.







Advice and ideas

Home Corner A
Create a washing line
in the home corner and
provide pegs to hang
the clothing with.
Encourage children to
peg two items of
clothing onto the
washing line using 1:1
correspondence.

Home Corner B
Display a variety of
books in the home
corner. Encourage
children to search for
the numbers one, two,
three, four and five to
help with number
recognition.

Home Corner A

Peg 2 items of clothing on the washing line.



Home Corner B

Find the number 1, 2, 3, 4 or 5 in a

book.





Advice and ideas

Malleable A

Malleable B

Malleable A
Provide children with playdough resources and candles.
Encourage them to

Encourage them to make a cake and add two candles while counting using 1:1 correspondence.

Malleable B
Provide shaving foam
in a tray and
encourage children to
form the numbers one
to five using their
fingers or different tools.

Make a cake and add 2 candles.









Advice and ideas

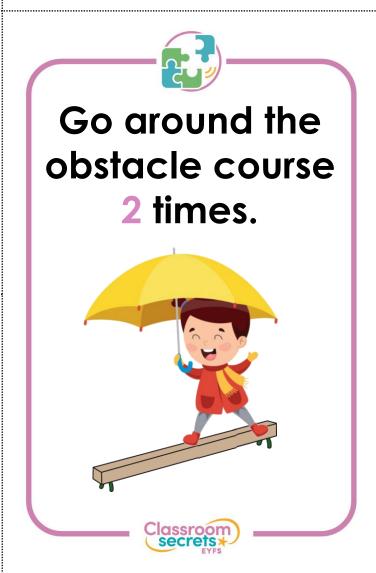
Outdoor A

Outdoor B

Outdoor A
Provide equipment
such as balancing
beams, tyres, crates
and planks, and
encourage children to
build an obstacle

course.

Outdoor B
Provide a container such as a bucket and resources to throw such as bean bags.
Encourage children to throw a specific number into the bucket.







Advice and ideas

Sand A

in the sand.

Sand B

Sand A

Sand B

Hide a selection of

Encourage children to count out the correct

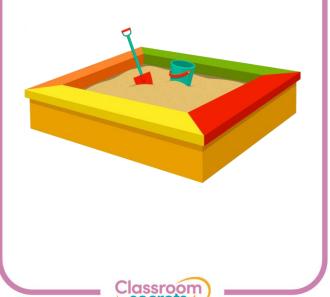
number of shells, for

example; five from a

shells in the sand.

Encourage children to build three sand castles in the sand, counting using 1:1 correspondence.

Make 3 castles



Find 5 shells in the sand.



Classroom

larger group.

Advice and ideas

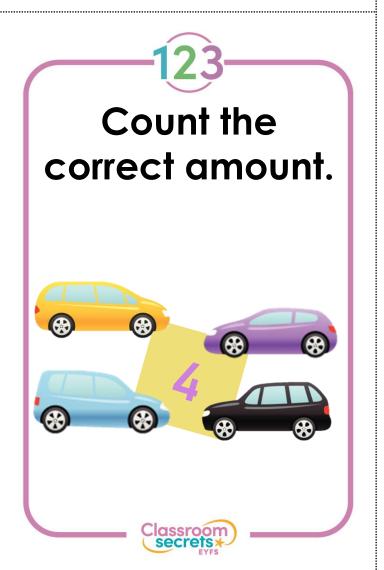
Small World A

Small World B

Small World A
Start to set up a scene
based on children's
interests and
encourage children to
count out other
resources to complete
it. For example, placing
three animals or count
out pebbles.

Small World B
Using number cards,
children place the
corresponding number
of people, vehicles, etc
to match.





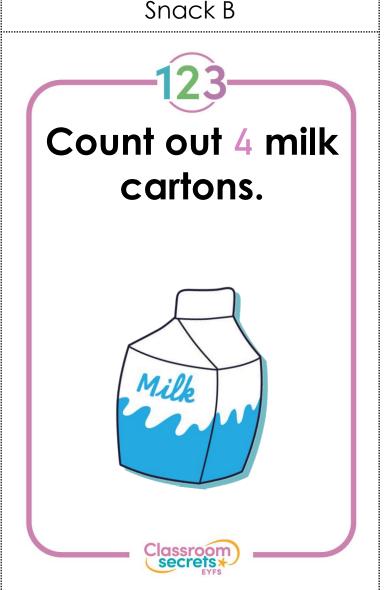
Snack A
Encourage children to
count five of their
friends around the
snack table using 1:1

correspondence.

Advice and ideas

Snack B
Encourage children to count four milk cartons at the snack table using 1:1 correspondence.







Advice and ideas

Tuff Tray A

Tuff Tray B

Tuff Tray A
Set up gloop in a tuff
tray and encourage
children to make a
number using either
their finger or different
tools.

Form a number in the gloop.

Tuff Tray B
Put dry porridge oats
into a tuff tray with
three different sized
bowls and a variety of
tools to scoop the
porridge. Encourage
children to scoop the
porridge into the bowls



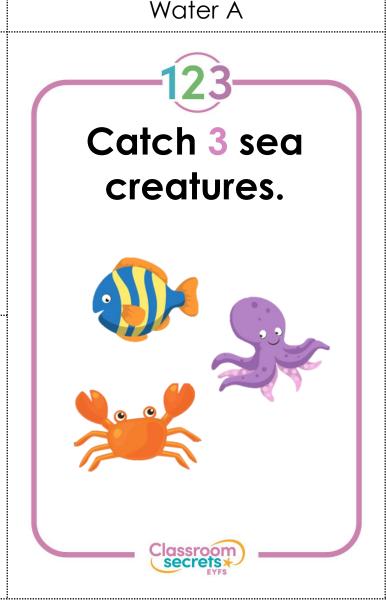


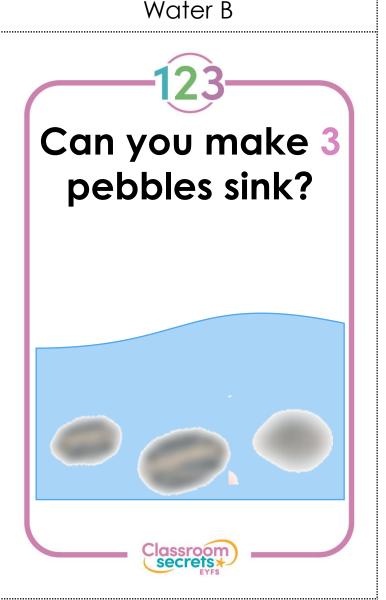
for the three bears.

Water A
Provide a range of sea creatures in the water.
Encourage children to fish out three sea creatures using a fishing net or their hands.

Advice and ideas

Water B
Provide the children
with a container or
bucket of stones and
encourage them to
make three sink.
Encourage counting
using 1:1
correspondence.







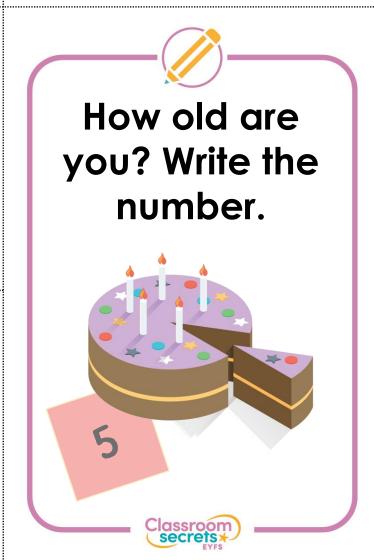
Advice and ideas

Writing A

Writing B

Writing A
Provide a variety of
writing materials for
children to record their
age. For example, a
large piece of paper
with a variety of mark
making pens.

Writing B
Set up groups of objects for children to count and label using a post it note. For example, a sealed zip bag containing three







counting bears.