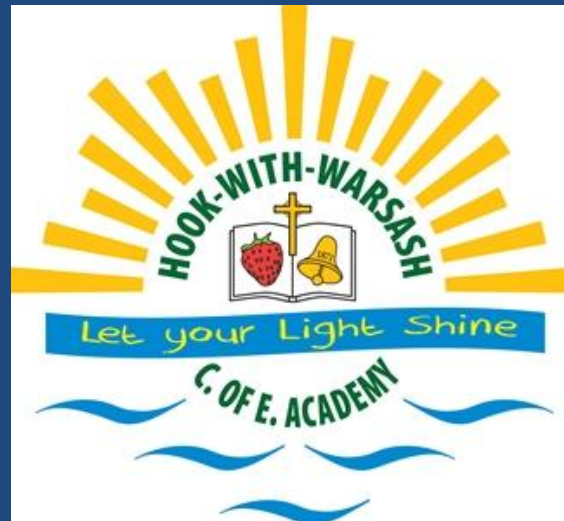




Literacy and Mathematics in the Early Years

Literacy

- Learning to read
- Learning to write

Mathematics

- Focus on counting and number

Learning to read...

What is phonics and why is it taught?

Phonics is one of the ways children are taught to read and write. It helps children to learn the relationship between letters and the sounds that they make. For example, they'll learn that the grapheme (written letter) 's' makes a 'ssss' sound when you say it out loud.

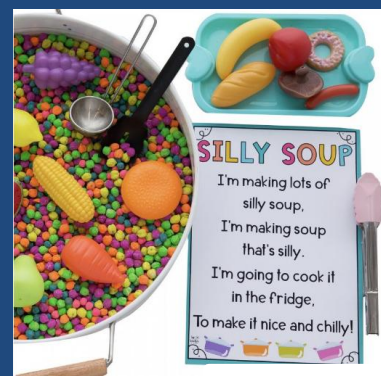


Monster Phonics

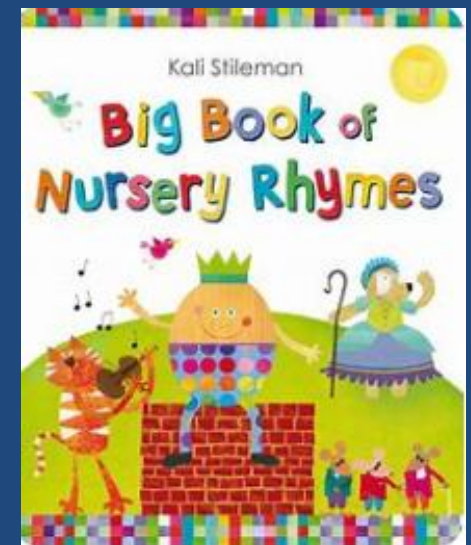
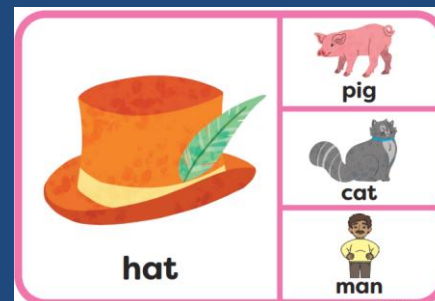
Monster Phonics is broken down into phases.

Over the phases, your child will learn how to recognise:

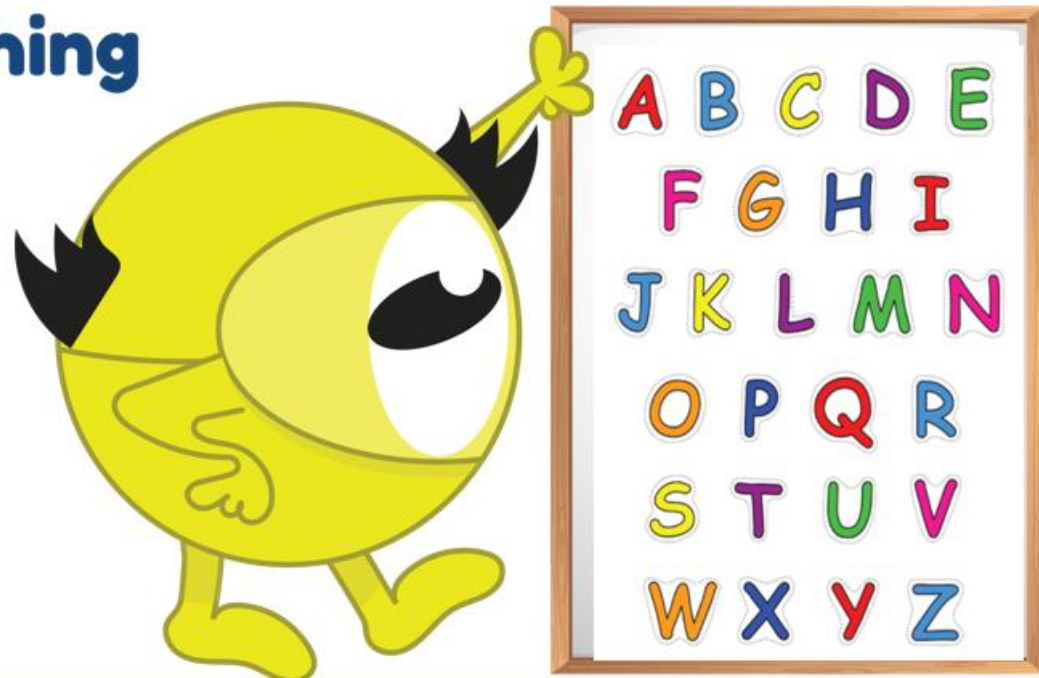
- rhythm, alliteration and rhyme;
- graphemes (written letters).



Picture and action



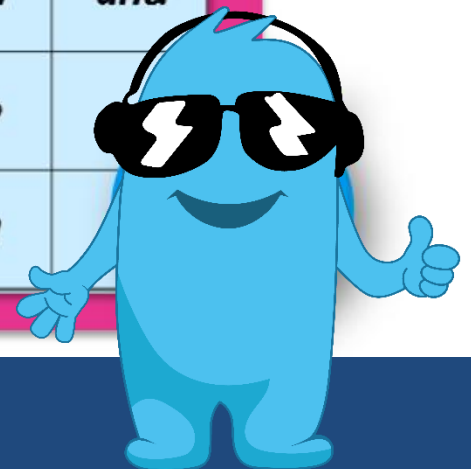
Order of teaching



s a t p i n m d

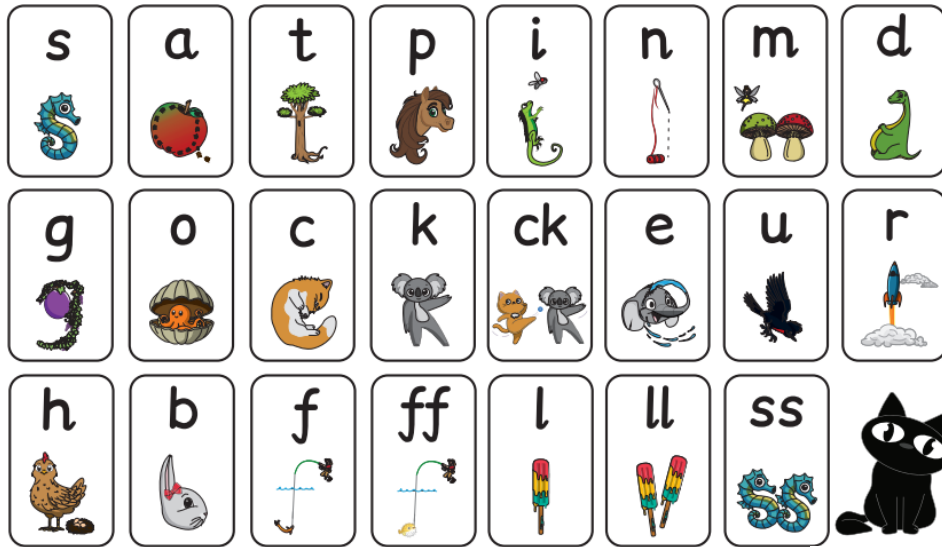
s a t p i n m d

at	sap	pit	in	tan	mat	dad	did
a	as	tip	nip	nap	map	sad	Sid
sat	it	pip	pan	am	Pam	dim	and
pat	is	sip	tin	man	Tim	dip	
tap	sit	an	pin	mam	Sam	din	



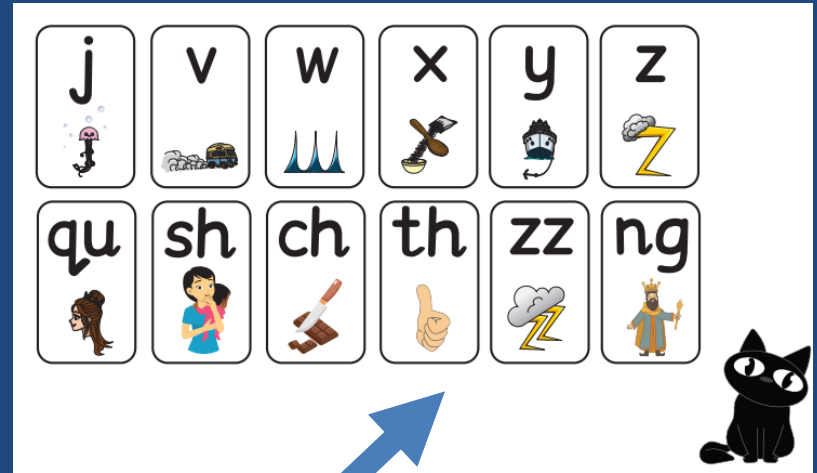
Then we teach...

Sound Mat 1

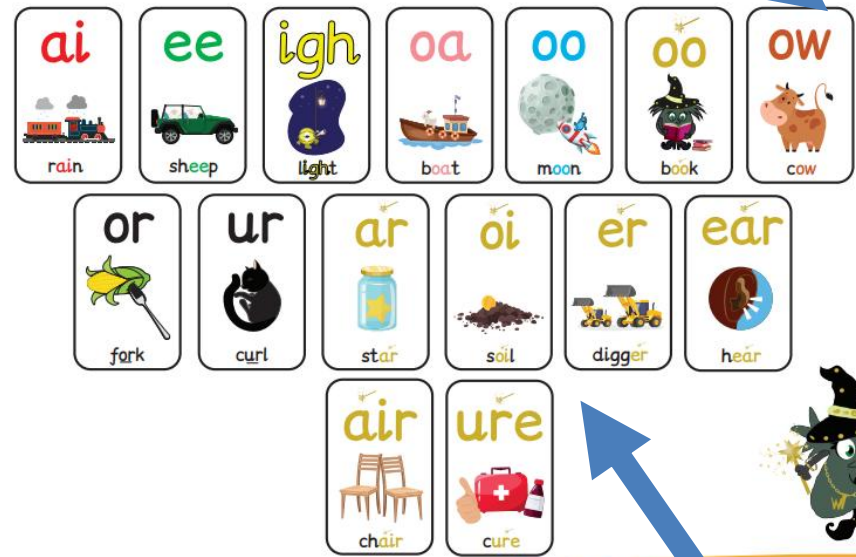


There are **26 letters** in the alphabet but there are **44 sounds** and over **100 different ways of spelling them**.

This is why English is one of the most complex languages to learn!



Digraphs



Trigraphs

Getting the sounds right!

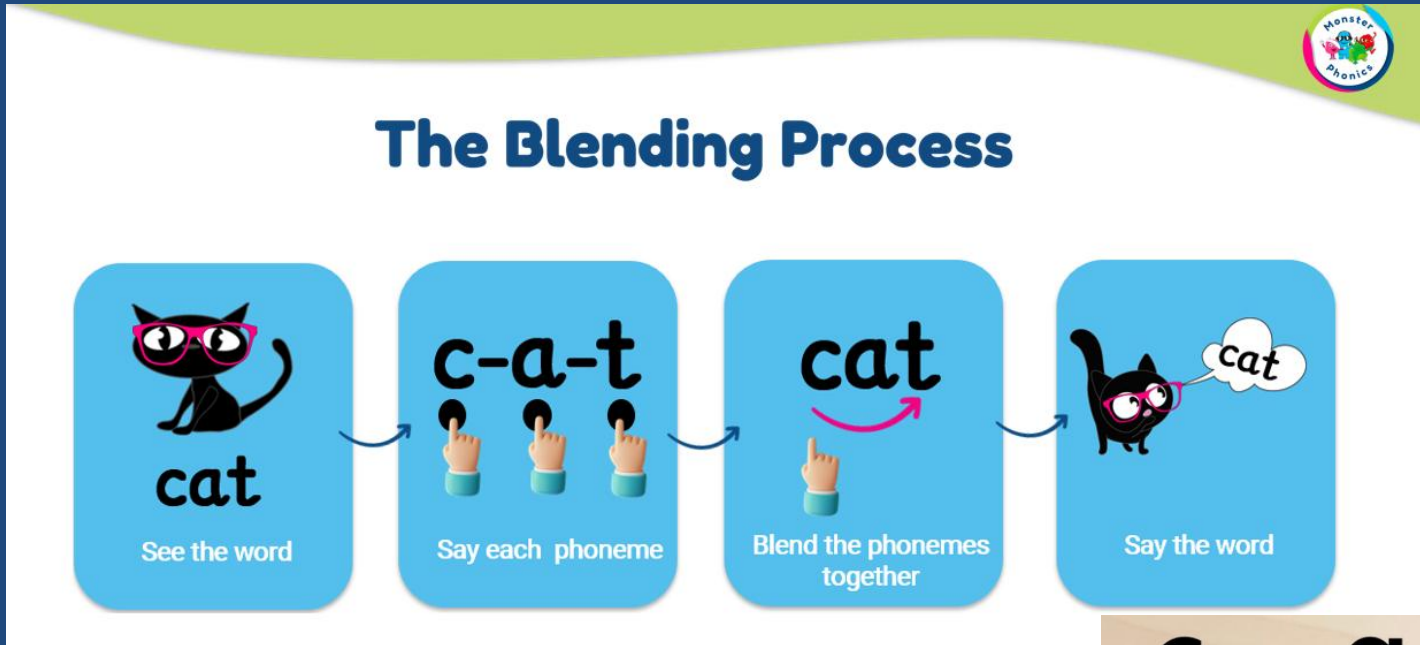
- Important to use pure sounds

mat

muh - a - tuh



By learning letters and sounds in phonics children can begin to read and spell simple words.

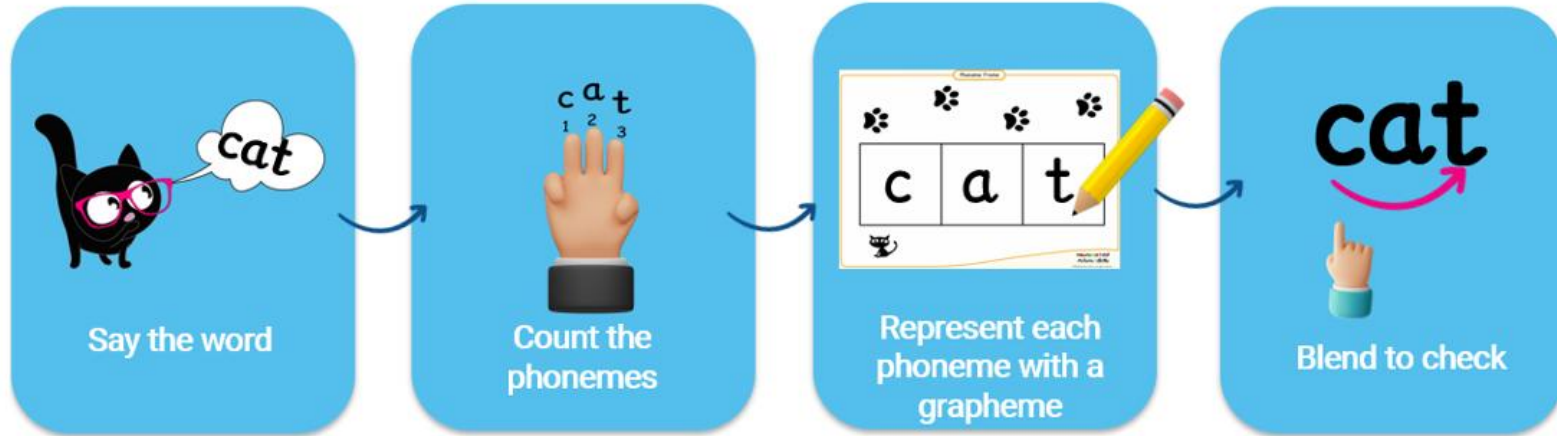


mess

sock



The Segmenting Process

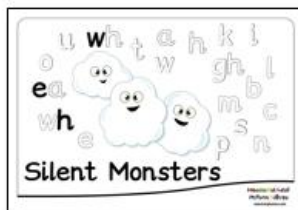


The Monster Phonics System

Long Vowels Sounds



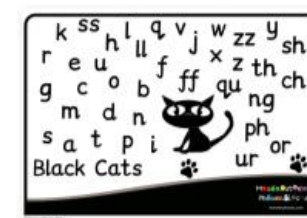
Silent Letters



Tricky Letters



Phonetic



Monster Phonics uses the 10 monsters to categorise all sounds into 10 simple areas. Each monster has a different colour and that colour represents that way of spelling the sound.

Colour coding

deep



deep



rain



rain



light



light





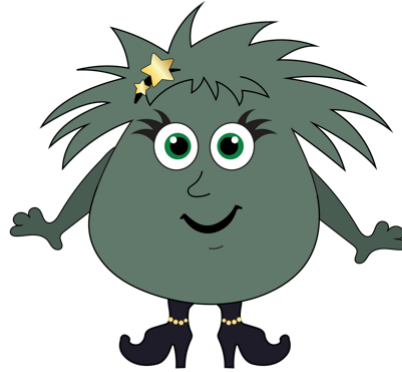
High Frequency Words

- Words that occur most frequently in print
- Grouped and colour coded
- Builds confidence and independence

Sight reading

- Children need to learn to read words by sight as there are many words which cannot be sounded out using phonics.

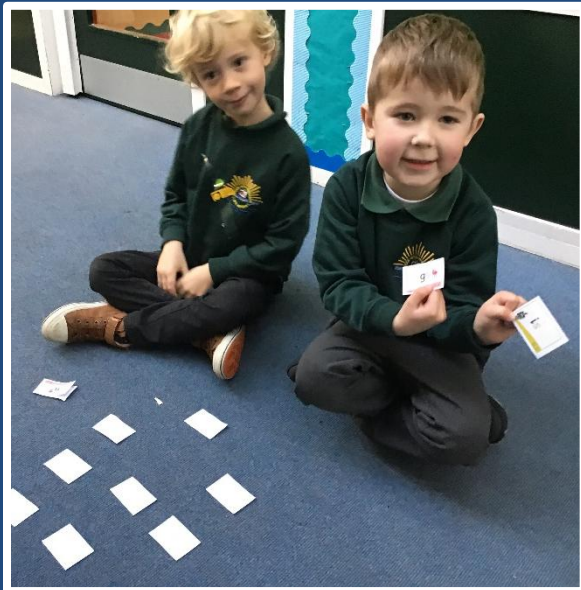
Common Exception Words

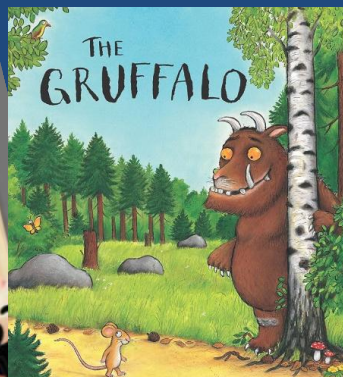


said

want

the

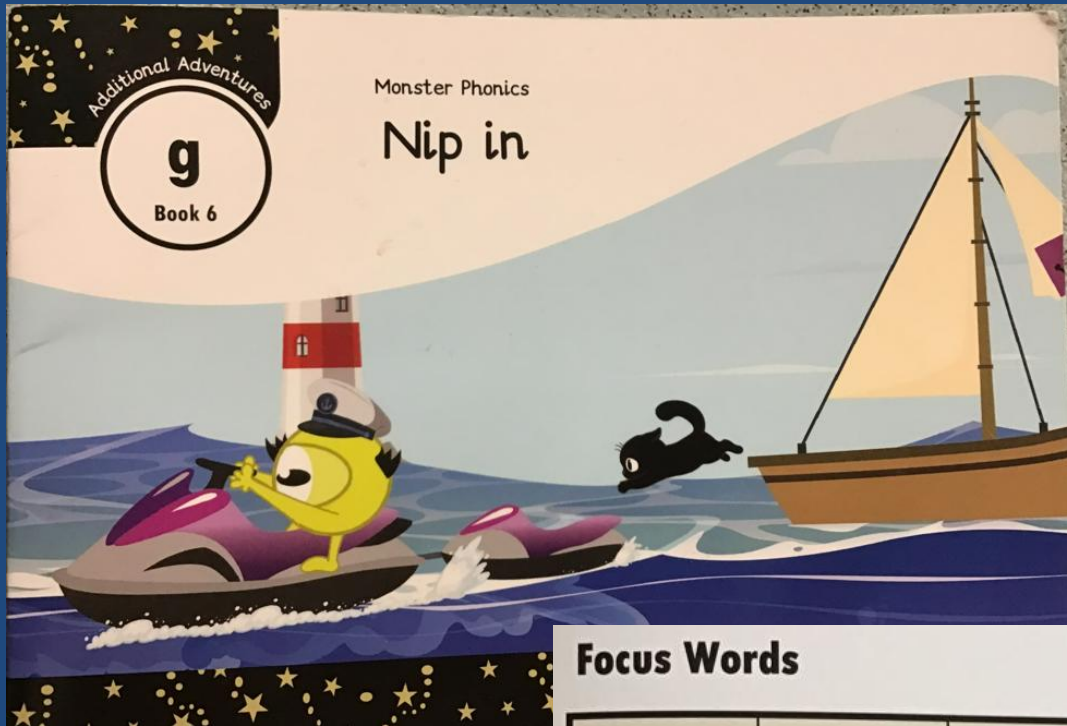




- Phonics bag
- Monster Phonics books and picture books. (3 reads)
- Reading at home



Reading Challenge!		Name:
Book:	Tess the Dog	
We talked about:	Exclamation marks and spotted our tricky words	
Please practise:	Finding 'the', 'is' and 'of' as you read	
Please read	3 times this week and let us know how you get on.	
1		
2		
3		



Focus Words

sags	tag	gap	nag	sad
dig	pit	din	nip	sit

High-Frequency Words

is	in	it	a	am	I
----	----	----	---	----	---

Things to talk about after reading

Why did *Tricky Witch* say no to *Little Black Cat* joining the race?
Do you think he learnt his lesson?

Hook with Warsash C of E Academy
Church Road
Warsash
Southampton

Nip in.

"I am in!"



In the distance, *Little Black Cat* can see the race beginning.
A moment later, he pushes his boat into the water.



Reading Challenge!

Name:

Book:

Tess the Dog

We talked about:

Exclamation marks and spotted our tricky words

Please practise:

Finding 'the', 'is' and 'of' as you read

Please read 3 times this week and let us know how you get on.

1

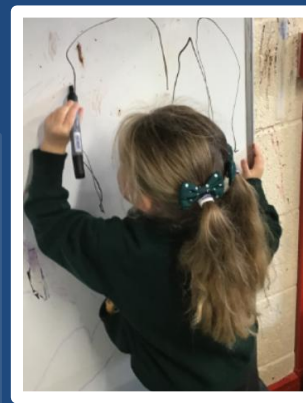
2

3



Learning to write...

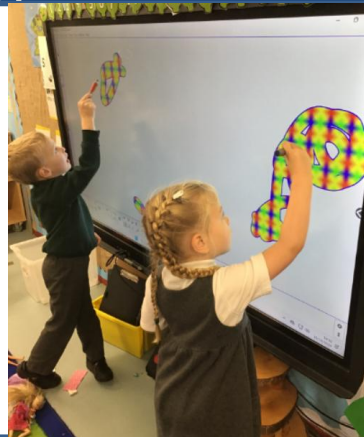
Writing = Confidence to pick up a pencil and make marks on paper + being developmentally ready (strong core and hand muscles).



Children's arms and hands contain a series of pivotal joints which develop from biggest to smallest (shoulder, elbow, wrist, fingers).

Fine motor control is when the mark making ends at the smallest set of pivots, right at the end of the fingers. Ready for writing!

A child will find it hard to master fine motor activities until gross motor skills are developed. Core strength is needed for writing too!





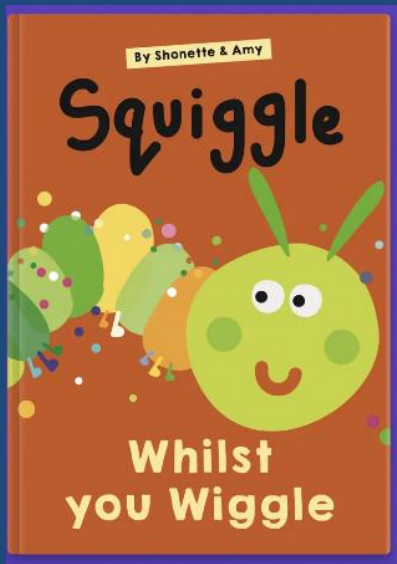
How can we help to develop gross motor skills?





How can we help to
improve fine motor skills?

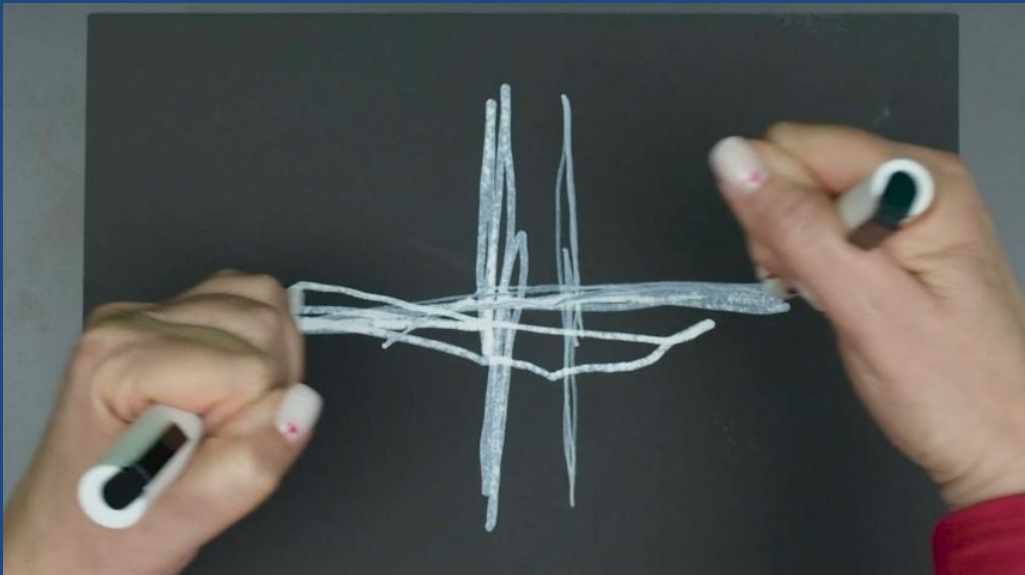




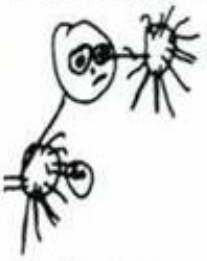
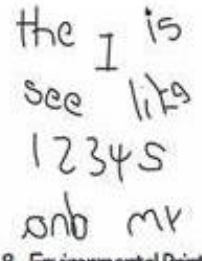
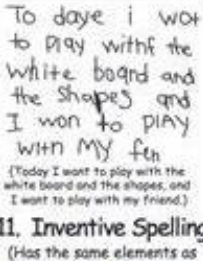
- Holding two tools or flipper flappers at the same time helps both sides of the body work together.

- Using both hands at the same times connects the left and right side of the brain.

- Gripping tools with the whole hand builds overall muscle tone in the arms, hands, and core, ensuring children are physically strong enough to sit and write.



Stages of Writing

 1. Pictures	 2. Random Scribbling	 3. Scribble Writing (Written in linear fashion to mimic real writing.)	 4. Symbols That Represent Letters
 5. Random Letters (No relationship between sounds of letters and what the child is trying to say.)	 6. Letter Strings (Progresses from left to right and top to bottom when the child "reads" his writing.)	 7. Letter Groups (The groups have spaces in between to resemble words.)	 8. Environmental Print (Child copies print found in the room, often without knowing what the words are.)
 9. Beginning Sounds (Child begins to write simple sentences using sight words and just the beginning sounds of words.)	 10. Early Inventive Spelling (Includes the same elements as the previous level, but with more consonant sounds represented and spaces between words.)	 11. Inventive Spelling (Has the same elements as the previous level, but with more sounds per word written, including the vowels. Some conventional spelling patterns may appear.)	 12. Transitional Writing (Includes all of the previous elements, plus some real spellings of words with silent letters and other spelling patterns. Punctuation is beginning to appear.)

Fine motor skills developed

Mark Making

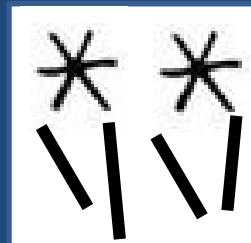
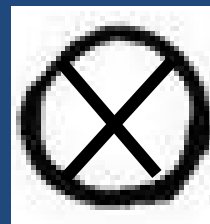
Develop letter formation

Writing words

Writing sentences

THE MESSAGE CENTRE

DRAWING CLUB



DRAWING
CLUB

THE 4 MINI MOMENTS

MOMENT 1

VOCABULARY

MOMENT 2

STORY
SHARING

MOMENT 3

MODELLED
DRAWING

MOMENT 4

DRAWING
CLUB

WHOLE CLASS

CLUB



Character, setting, adventure time- I wonder...?

catastrophe

calm

'Sprinkling vocabulary'

breeze

disappeared



Who, or
what, do you
think the
leaf thief
was?



'Story
dream!'

Opens up the magical world of stories and tales!



Enriches language skills

Develops fine motor and writing skills

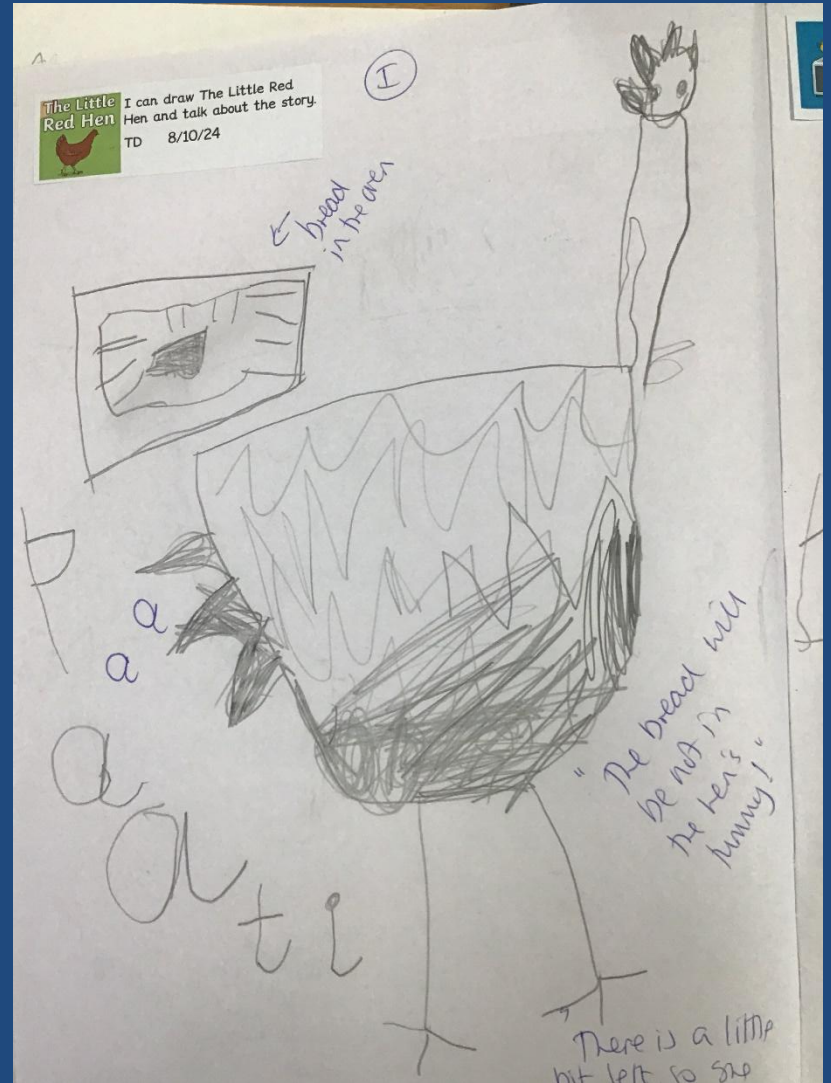
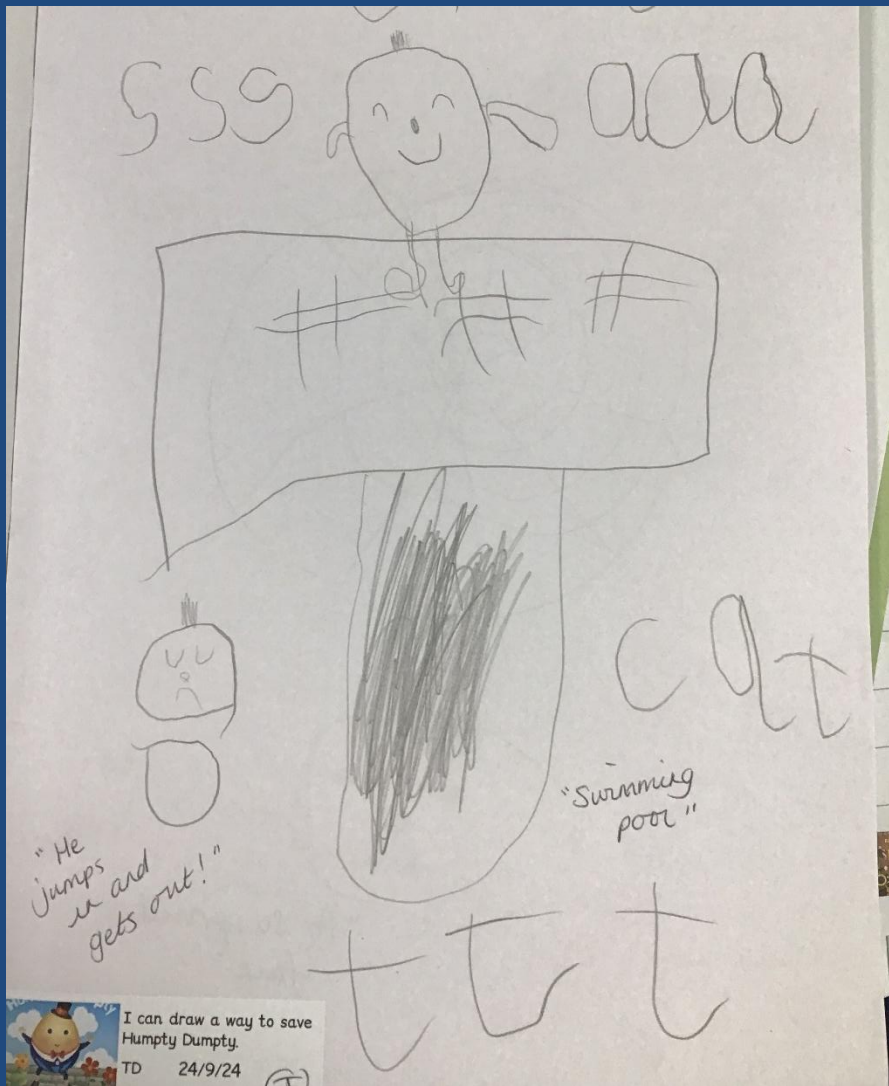


Enter into a world full of imagination!

Promotes confidence and joy in drawing, mark making and writing!

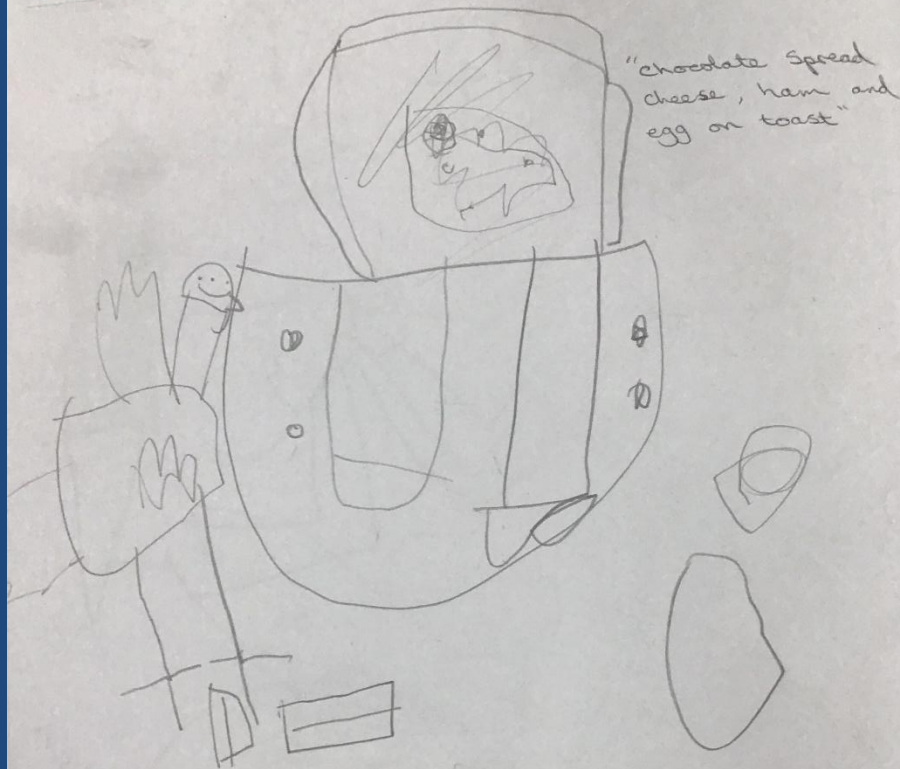
•Greg Bottrill

Spending *time together!*





I can draw something The Little
Red Hen would like on her toast.
TD 9/10/24

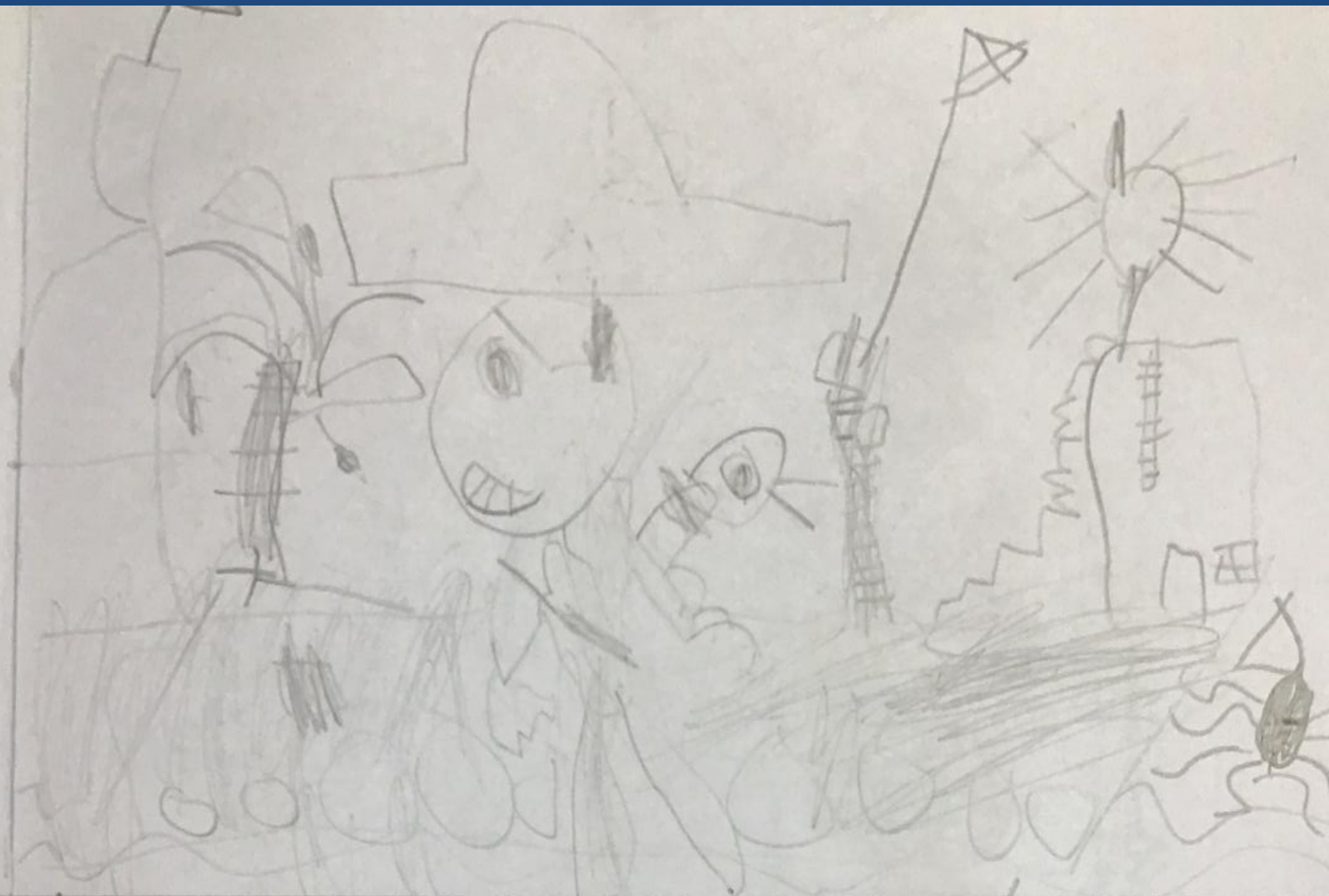


sat
mat pin

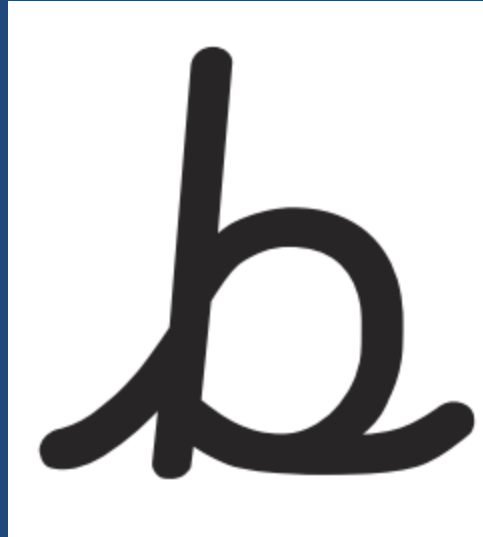
"Code makes toast run away"



the chicks are
dancing and the
horse is eating some cake.



heepsa pirrot^{pirate}
heey has a hook-
and a parrot.^{hook} ^{parrot} (I)



If they're wanting to write at home with you, give them a purpose and a reason e.g. during games/role play, or writing in a birthday card...

Finley

FINLEY



Mathematics

numbers

shapes

quantities

patterns

measures

spatial awareness



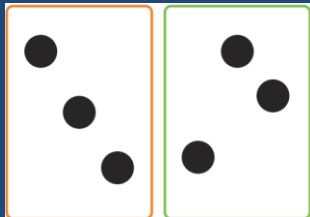
Learning to count...

Saying the number names in order is one way, e.g. like counting to ten when you are playing hide and seek.

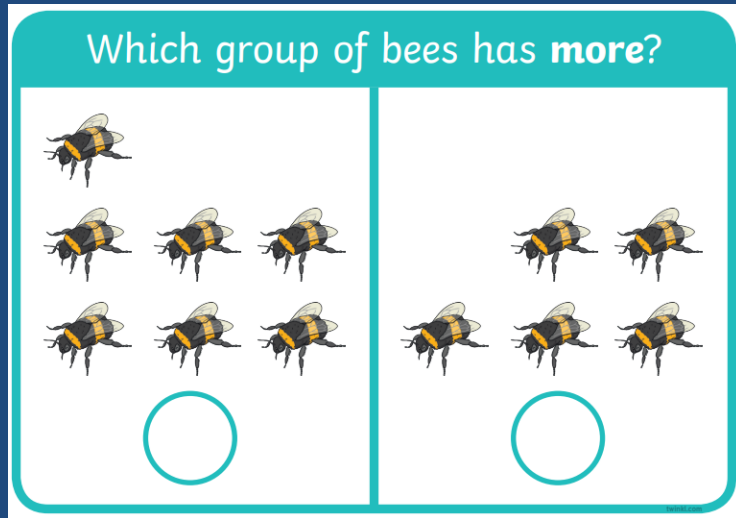


Once children know the number names in order, other skills they need to learn are:

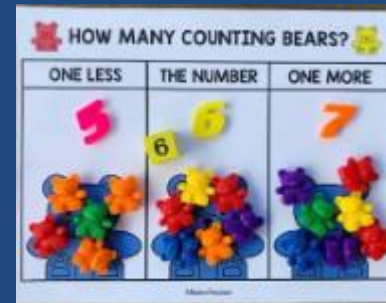
- co-ordinating saying one number with touching one object at a time
- counting objects, actions and sounds
- separating the objects counted from those not counted
- recognising a small group of objects without counting.
- realising that the final number said describes 'how many,' and that rearranging the objects does not affect the amount



Compare quantities



1 more 1 less



Ordering numbers



Fluency= deep understanding of numbers to 10



Keeping score and recording in simple ways

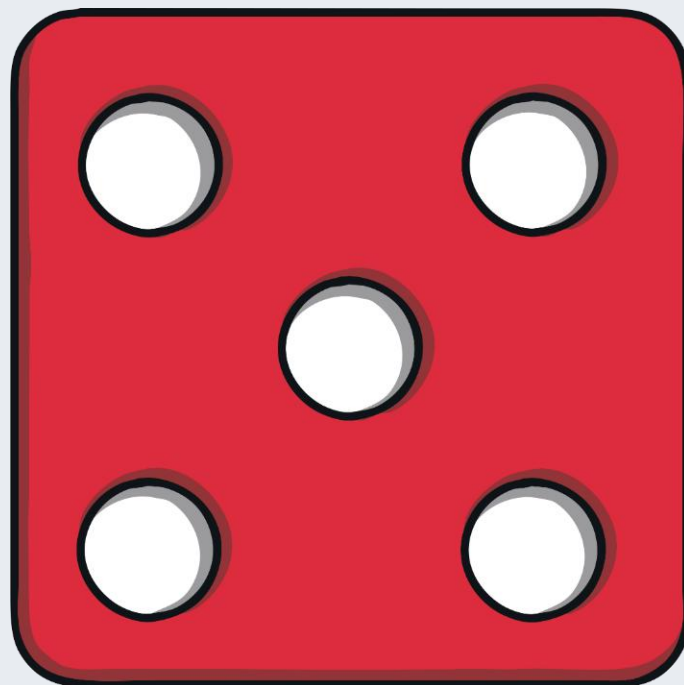
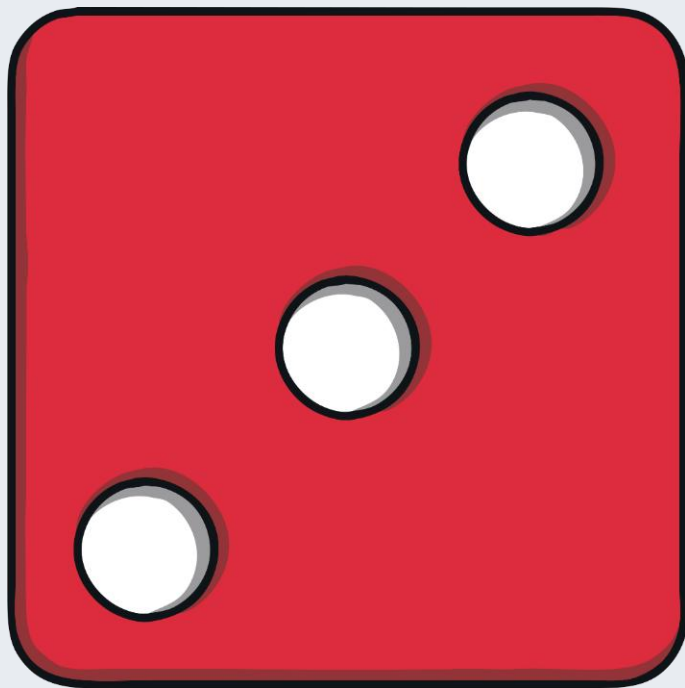
We spend a lot of time practising and developing subitising skills!

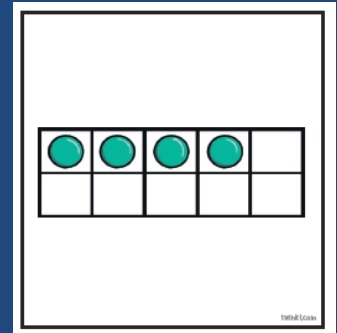
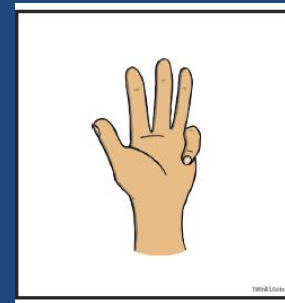
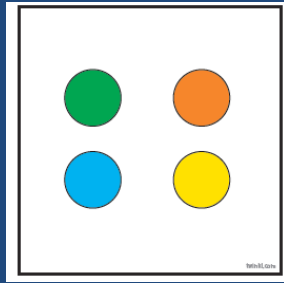


Recognising a small group of objects without counting



Makes working out maths problems a lot faster...
Fluency.

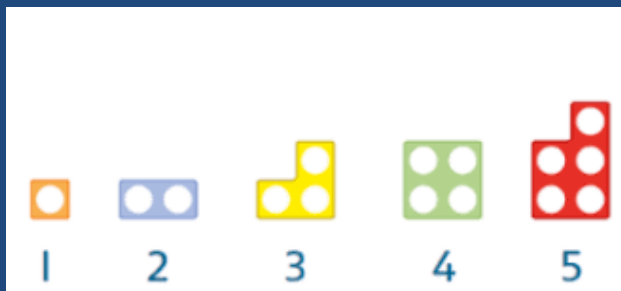




Different representations of 4. Making 'collections'
Building up a mental picture...



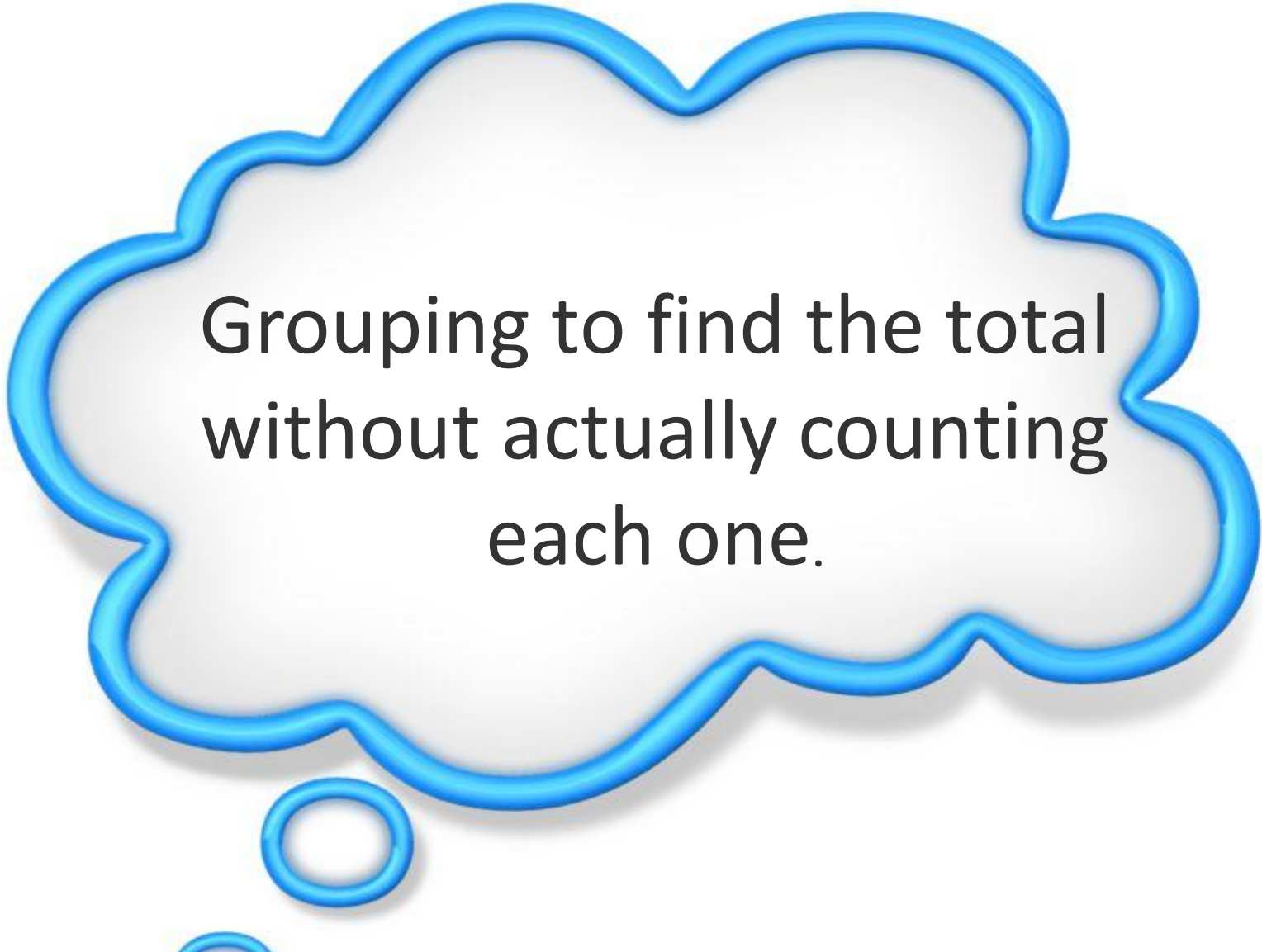
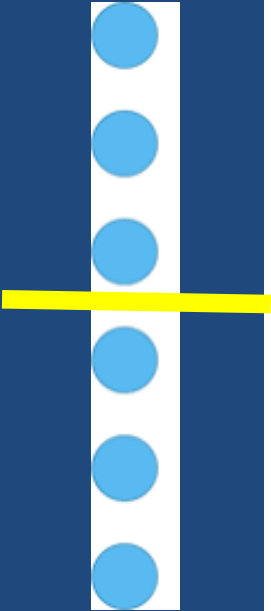
Dice games...



Numicon...

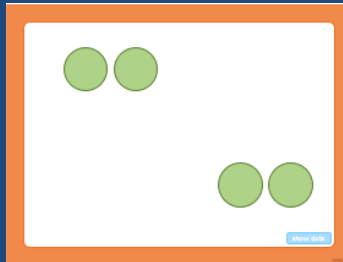
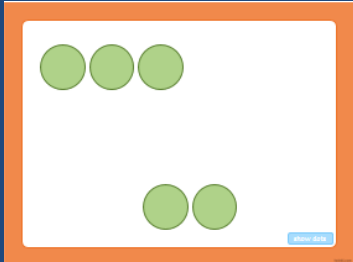
Finding maths in pictures...

Conceptual subitising...

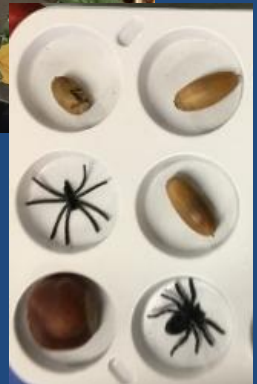


Grouping to find the total
without actually counting
each one.

Grouping with apparatus...

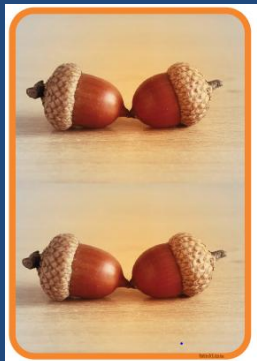


Sorting and
counting...



Patterns...

Pictures...



Games like
'Snap'...



Sometimes, we might see groups within a picture.



I can see
1 dolphin
at the
bottom.



I can see 4
dolphins.

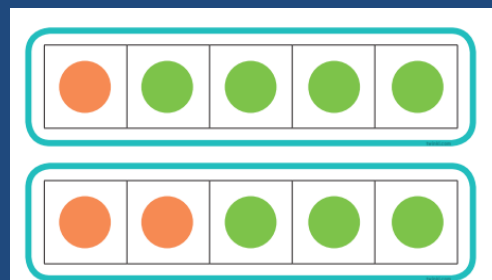
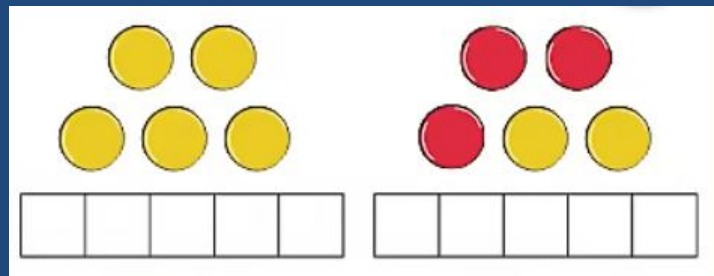


I wonder how
many dolphins
there are
altogether...



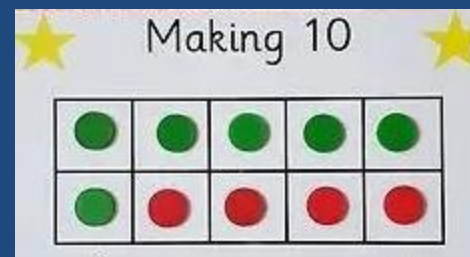
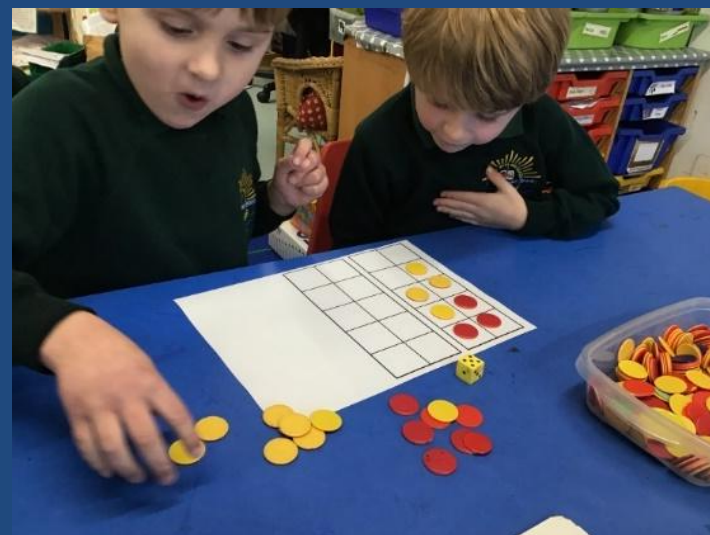
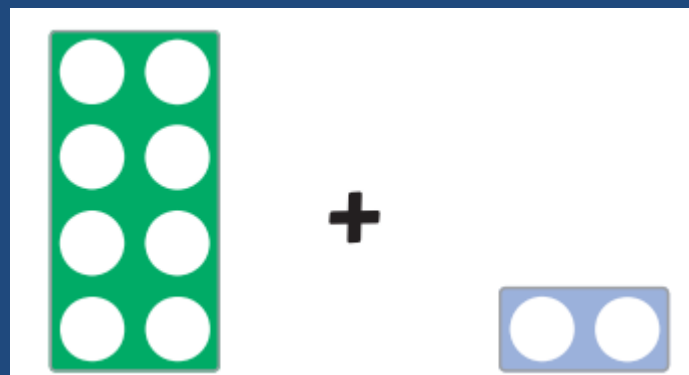
Adding and subtracting

Fives frames...



Tens frames...

Working with apparatus



True or False?

Hassan was playing with the number shapes. He looked at his pieces.

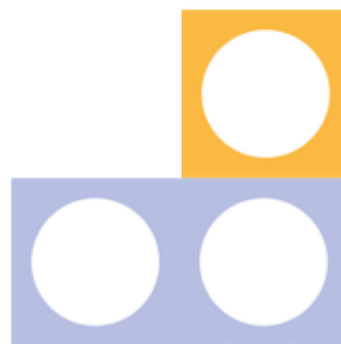


If I put these two pieces together, it will make 3.

Click me to check.

Reasoning...

True

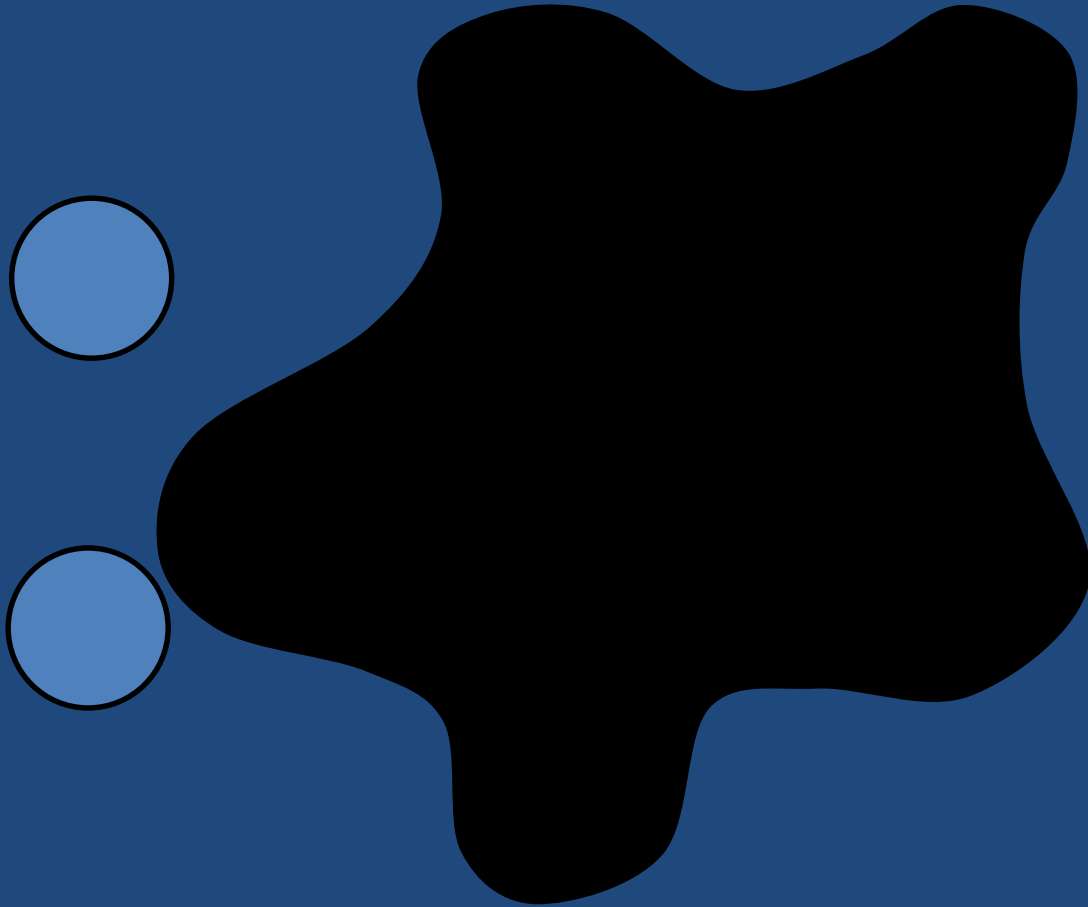


Can you explain how I know?

next

SPLAT!

4



Any questions?

