

Welcome to Year 3 Family Learning

Mr Paczesny and Miss Johnson

Welcome to Year 3 Family Learning

Mr Paczesny and Miss Johnson

Mr Paczesny – Deputy Maths Lead / Lead teacher for the NCETM Work Group

Miss Johnson – Staff Wellbeing Lead and Member of the Character Faculty







Quick stops before we begin...

1. Handwriting
2. Sounds into spelling
3. Home Learning
4. Reading records

Quick stops before we begin...

I. Handwriting

Handwriting

Lower-case Letter Formation Sets and Joining Groups

c o a d g q se (set 1)

l t i j u y f (set 2)

r n m h b p k (set 3)

v w z x (set 4)

break letters : b g j p q x y z

Joining groups :

1 a c d e h i k l m n s t u

2 a c d e g i j m n o p q r s u v w x y

3 b f h k l t

4: f o r v w

1 → 2

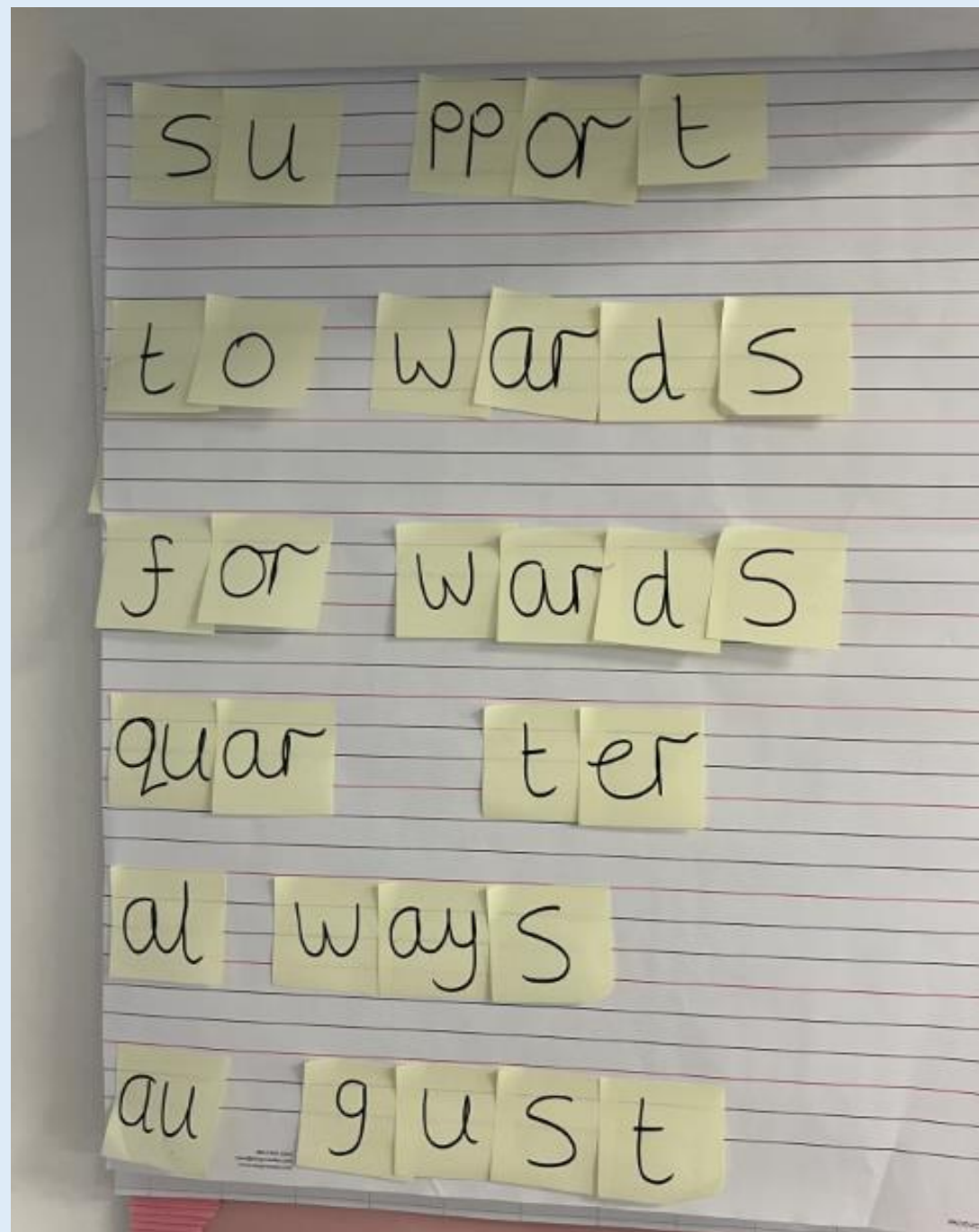
1 → 3

4 → 2

4 → 3

Quick stops before we begin...

2. Sounds into spelling



Quick stops before we begin...

3. Home Learning

Handed out every **Friday**
Due in every **Wednesday**

Quick stops before we begin...

4. Reading Records

Reading books and reading records should come into school every day.

Book change days (optional) every Tuesday and / or Friday

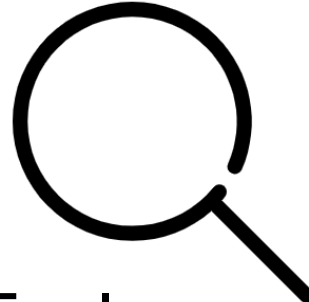
Teaching for mastery at Floreat

Why do we follow a teaching for mastery approach?

Lesson structure



Retrieval

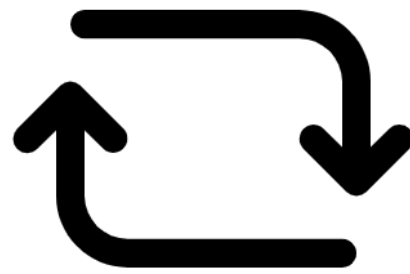


Explore
&
discuss



Checkpoint

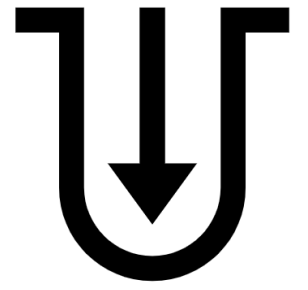
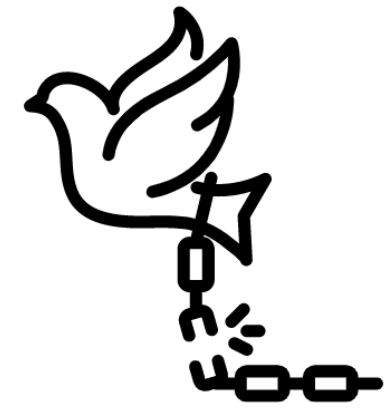
Further tasks



Recap



Independent Practice



To understand maths we need to; develop children's cognitive ability to create connections between language, pictures, concrete experiences and symbols.

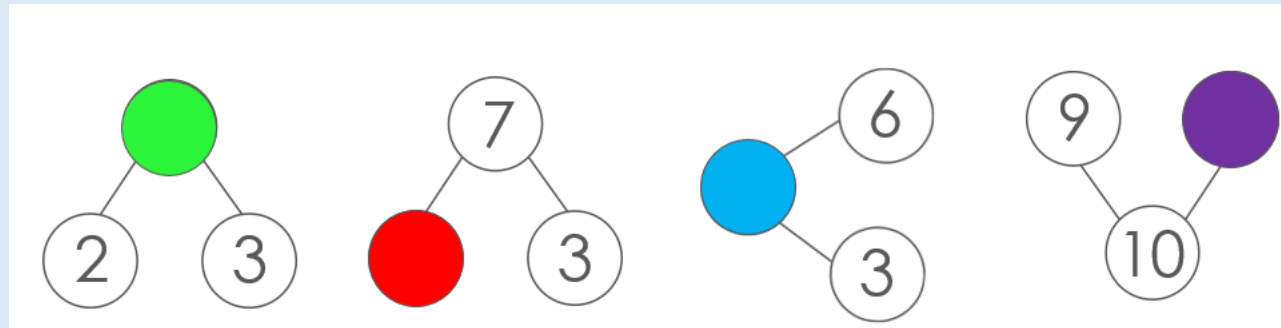
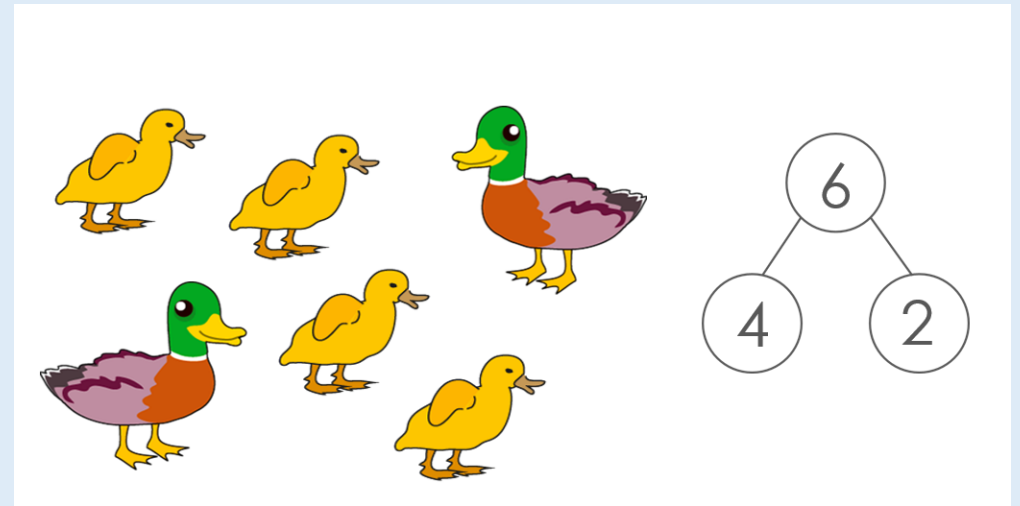
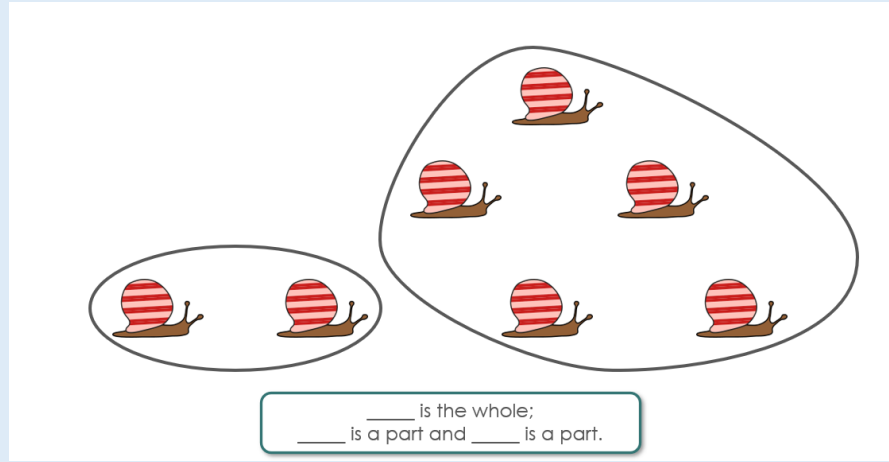
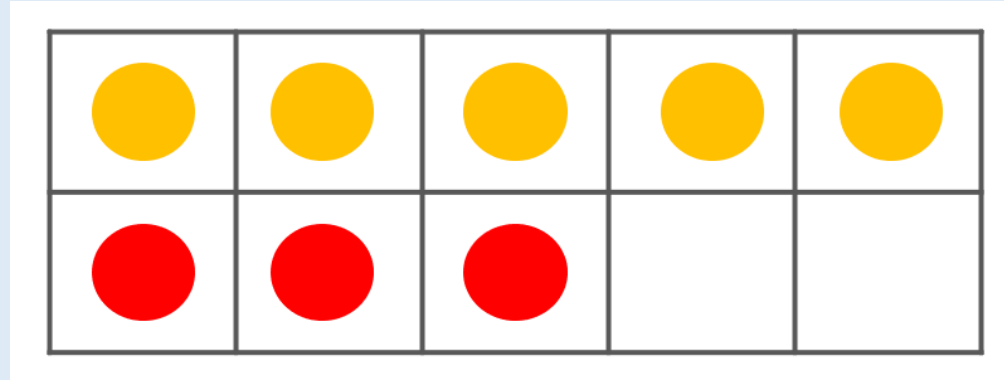
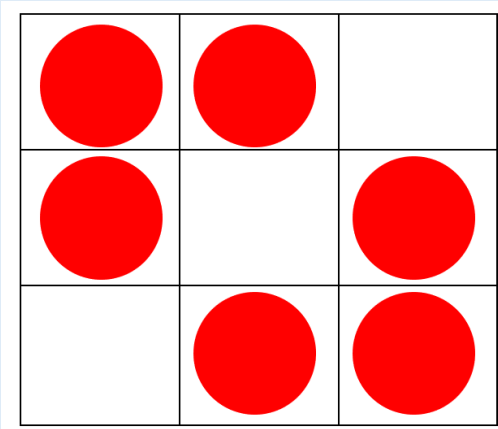
Haylock and Cockburn, 2013

What is Fluency and why do we talk about it so much?

- It is the recognition of number facts,
- Flexibility in knowledge (being able to apply those facts to a range of contexts),
- Table facts,
- Number bonds.

Mastering Number

- In Reception and Year 1 and Year 2 children have daily sessions on Mastering Number.
- Mastering Number sessions are approximately 15 minutes long and focus on fluency for numbers 1-10.
- Being secure and fluent in number 1-10 is the bedrock for all future maths.



Fluency with number bonds

$$9 + 1 = 10$$

$$90 + 10 = 100$$

$$97 + 10 = 107$$

10	
9	1

100	
90	10

1.

$$6 + 9 = \square$$

$$6 \text{ tens} + 9 \text{ tens} = \square$$

$$60 + 90 = \square$$

3.

$$9 + 7 = \square$$

$$9 \text{ tens} + 7 \text{ tens} = \square$$

$$90 + 70 = \square$$

2.

$$7 + 4 = \square$$

$$7 \text{ tens} + 4 \text{ tens} = \square$$

$$70 + 40 = \square$$

4.

$$8 + 5 = \square$$

$$8 \text{ tens} + 5 \text{ tens} = \square$$

$$80 + 50 = \square$$

Zooming in...

2.

7	+	4	=	<input type="text"/>
7 tens	+	4 tens	=	<input type="text"/>
70	+	40	=	<input type="text"/>

Zooming in...

Arjan and Toby are solving $70 + 50 =$
They each partitioned different addends.
Who did it correctly? Explain your answer.

Arjan

$$\begin{array}{r} 70 + 50 \\ / \quad \backslash \\ 20 \quad 50 \end{array}$$

Toby

$$\begin{array}{r} 70 + 50 \\ / \quad \backslash \\ 30 \quad 20 \end{array}$$

Autumn 1 (40 lessons)

	Unit Title	Lessons	RtP Criteria
NCP	1.17 Composition & calculation: 100 and bridging 100	25	3NPV1&4 3NF3 3AS1
NCP	1.18 Composition & Calculation: 3-digits	15	3NPV2&3

Spring 1 (29 lessons) *2 days spare

13. I can bridge 100 by adding or subtracting a single-digit number

4.5-4.6

38-39

Year 3 Autumn Place Value

14. I can find ten more or ten less than a given number

4.7

39-40

Year 3 Autumn Place Value

15. I can cross the hundreds boundary when adding or subtracting any 2-digit multiple of ten to/from a 2/3-digit number

4.8-
4.10

40-45

Year 3 Autumn Addition and Subtraction

(this may take more than one lesson)

Time for some Family Learning!!