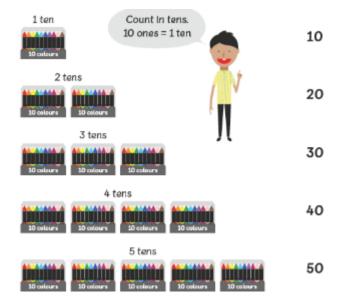
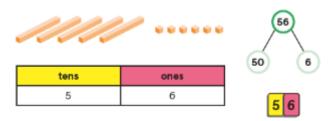
#### Year 2 Green Knowledge Organiser: Numbers to 100



We can arrange the numbers in order. **75, 69, 63** greatest  $\longrightarrow$  smallest Can you place numbers in order from smallest to greatest and vice versa?

Can you count in 10s up to 100?

Can you count in 10s and follow by counting in ones?

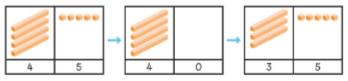


Can you represent a number using multiple methods?

	2 m	iore 2 m	ione 2 m	ione 2 m	iore	
[	42	44	46	48	50	
_						$\rightarrow$
4	1 42	43 44	45 46 4	7 48 4	9 50 5	1

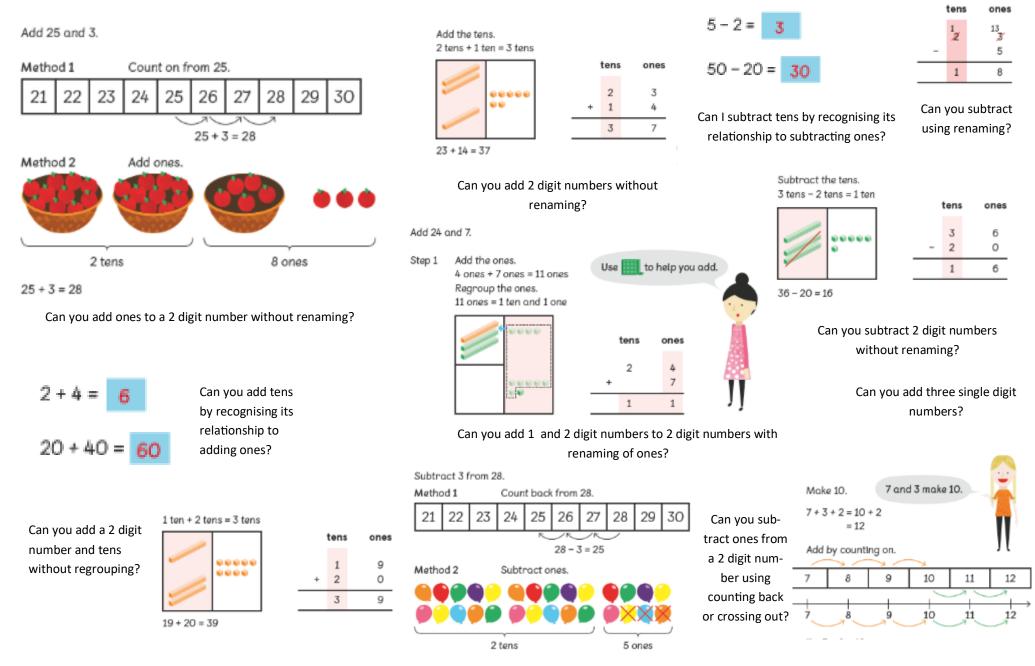
# Can you see patterns when increasing or decreasing by 1, 2 or 5?

What is 5 less than 45? What is 5 less than 40?

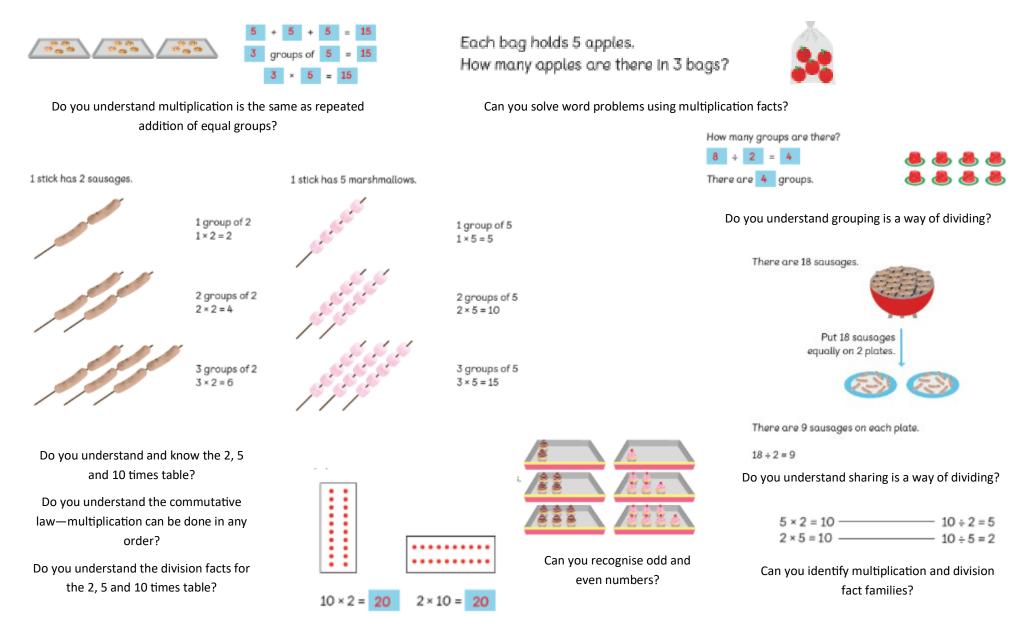


5 less than 45 is 40. 5 less than 40 is 35.

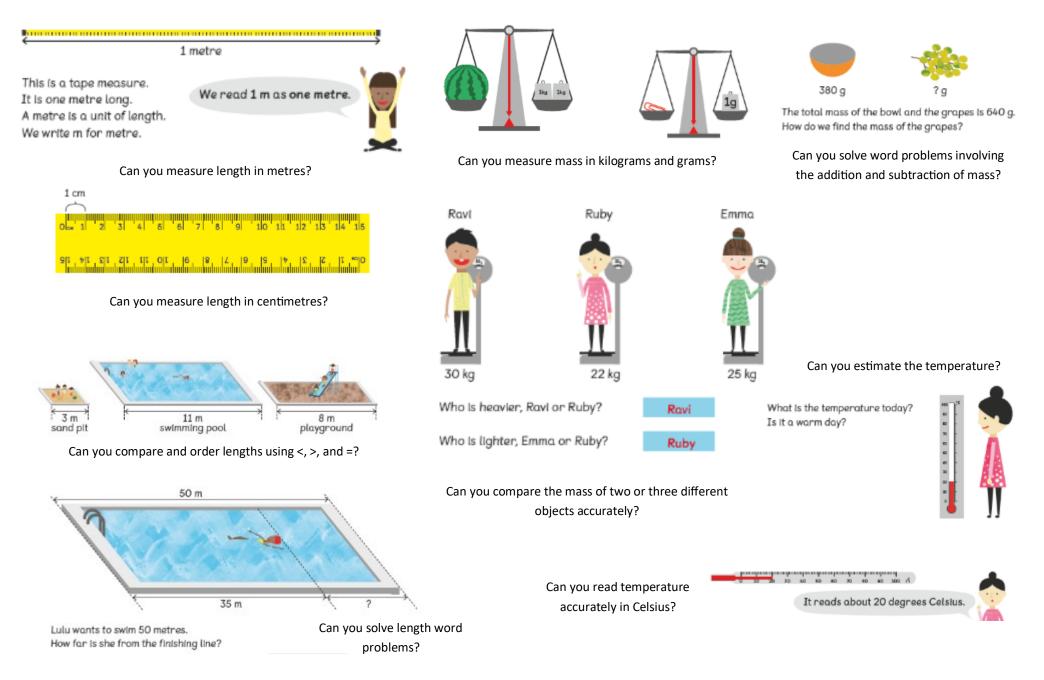
## Year 2 Green Knowledge Organiser: Addition & Subtraction



## Year 2 Green Knowledge Organiser: Multiplication and Division of 2, 5 and 10



# Year 2 Green Knowledge Organiser: Length, Mass & Temperature

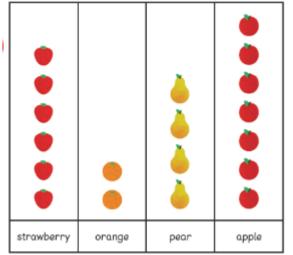


# Year 2 Green Knowledge Organiser: Picture Graphs

#### Fruits in the Basket

strawberry	++++ /
orange	//
pear	////
apple	++++ //

Fruits in the Basket



We can also use one to stand for 2 animals.

Can you read and interpret a picture graph with a scale of 1:2?

👮 Sam		P	F	F			
Charles		F					
💿 Ravî		P	F				
😨 Elliott		P		P			
Each 🧊 stands for 10 books.							

Can you read and interpret a picture graph with a scale of 1:10?

Can you read and interpret a picture graph and tally chart with a scale of 1:1?

Each picture	stands	for one	plece	of fruit.
--------------	--------	---------	-------	-----------

Group	Stars	Number of stars
А	******	8
В	***	3
С	******	8
D	******	9

Group D has the most number of stars. Group B has the least number of stars. Group A has as many stars as Group C.

😑 yellow beads	-##-
🔵 green beads	-111111111111111
🔵 blue beads	
🛑 red beads	111-111-1111-1111-1111-1111-1111-1111-1111

#### From the tally chart, Sam made this pictogram.

A man handa S S S S	
🄵 green beads 🛛 🐳 🐳 🐳	
🔵 blue beads 🛛 🙀 🐳 🐳 🐳 🐳	
😑 red beads 🛛 🐳 🐳 🐳 🐳 🐳	<b>8</b> <b>8</b>

Each 📦 stands for 5 beads.

Can you read and interpret a picture graph with a scale of 1:5?

## Year 2 Green Knowledge Organiser: Word Problems

How do we find the number of marbles Amira has left? Should we add or subtract?



Can you solve word problems involving addition and subtraction of whole numbers within 100?



The blue ribbon is 31 cm long. The blue ribbon is 12 cm longer than the red ribbon. Can we draw models to find out how long the red ribbon is?

Can you solve world problems involving addition and subtraction of measurements?

There were 46 male adults and 49 female adults in a hall. There were 29 fewer children than adults. How many children were there in the hall?



Can you solve two-step word problems involving addition and subtraction of whole numbers within 100?



Is it possible to find out how heavy each child is?

Can you solve multi-step word problems with increasing complexity?

#### Year 2 Green Knowledge Organiser: Money



(£2)
(50)
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Ruby also has £2 and 75p.

Can you find different combinations of coins that equal the same amount of money?

 Image: Constraint of the second se

Can you compare different amounts of money?

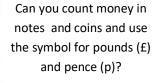
Can you identify pounds (£) and pence (p) and their respective symbols?

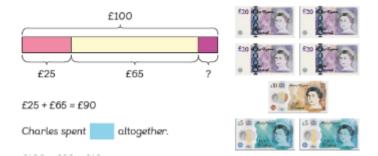
#### Count on to find the amount.



Charles saves £25.

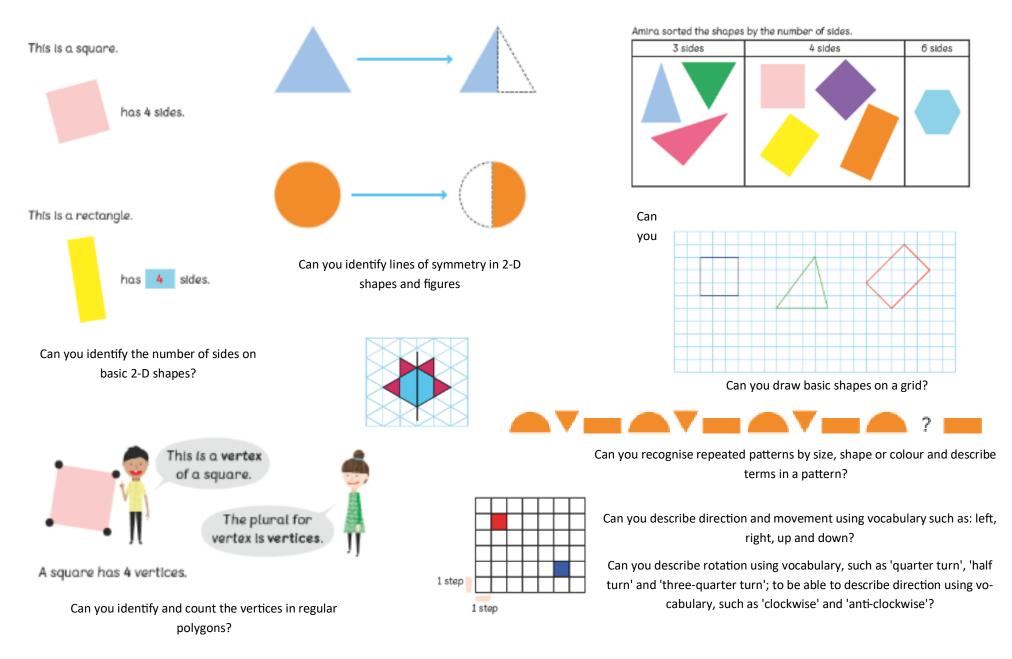


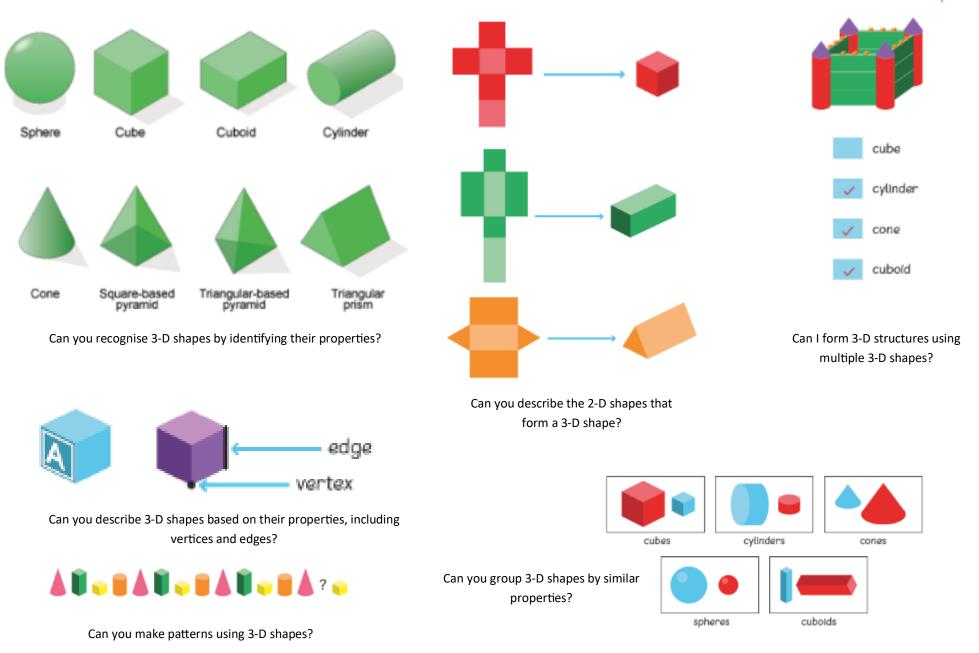




Can you solve word problems involving finding a total and calculating change?

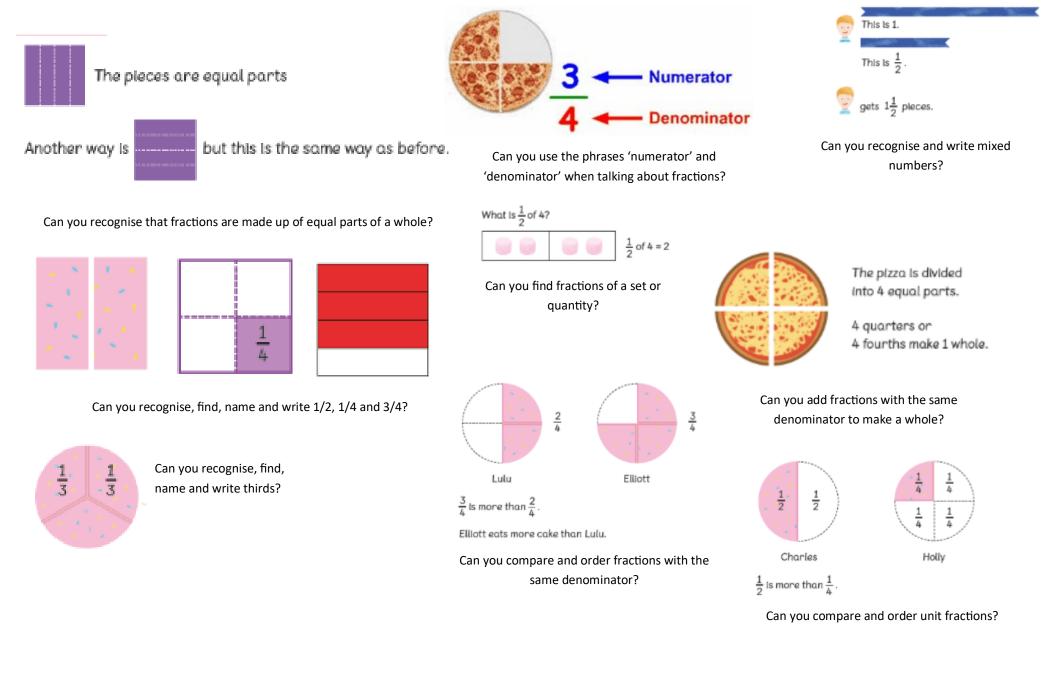
# Year 2 Green Knowledge Organiser: Two-Dimensional Shapes



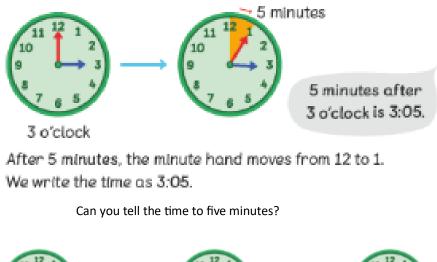


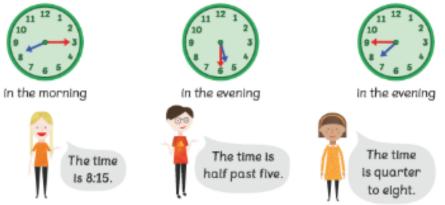
#### Year 2 Green Knowledge Organiser: Three-Dimensional Shapes

# Year 2 Green Knowledge Organiser: Fractions



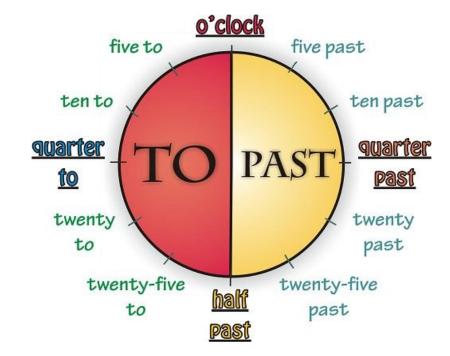
### Year 2 Green Knowledge Organiser: Time





Can you use 'quarter past', 'half past' and 'quarter to' the hour? Can you sequence daily events by time? Can you find time durations to 5 minute intervals?

Can you compare time in hours and minutes?

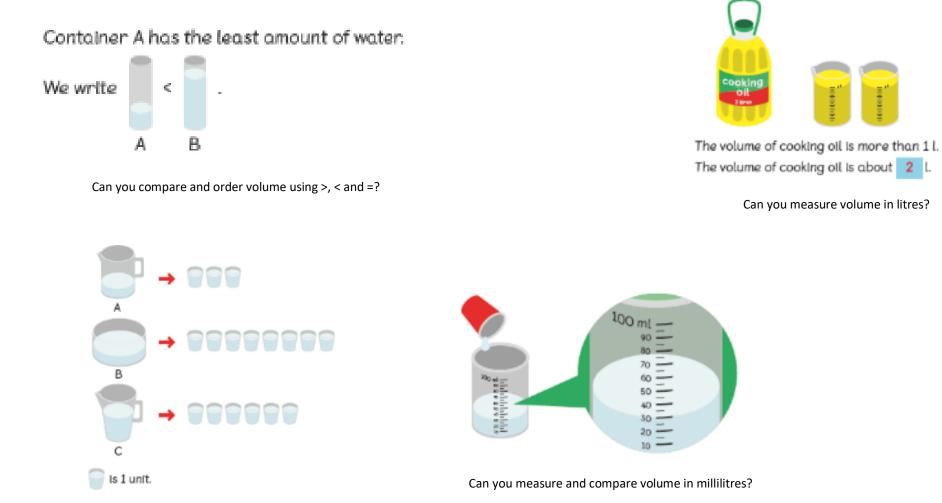




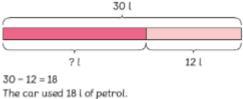
5:20 is 20 minutes after 5 o'clock.

Can you find the end time if you are given the start time? Can you find the start time if you are given the end time?

### Year 2 Green Knowledge Organiser: Volume



Can you compare the volume of water using non-standard units of measurement?



Can you solve word problems on volume of water in litres and millilitres?