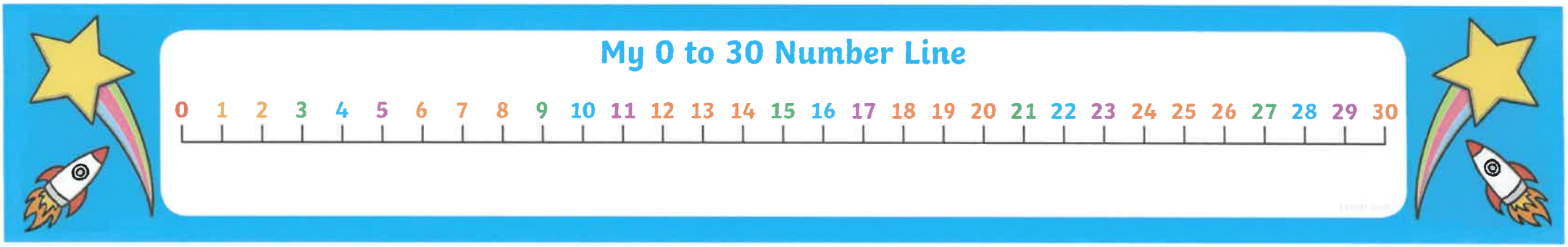
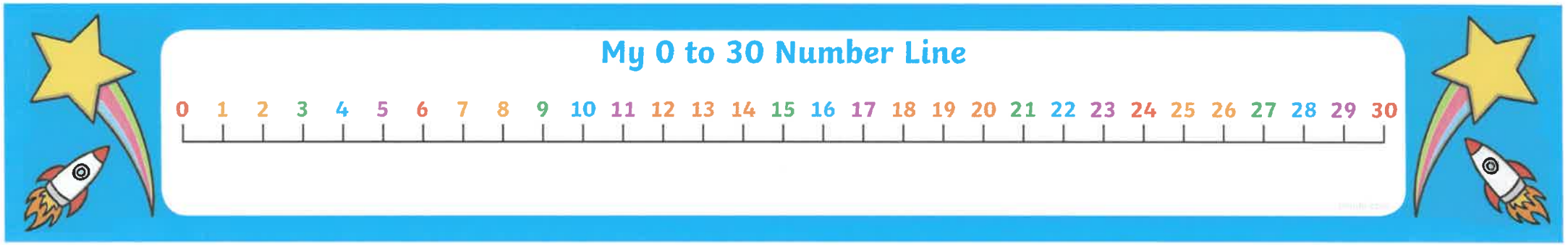
My 0 to 30 Number Line

0 1 2 3 4 5 6 7 8 9 10 11 12 13 14 15 16 17 18 19 20 21 22 23 24 25 26 27 28 29 30



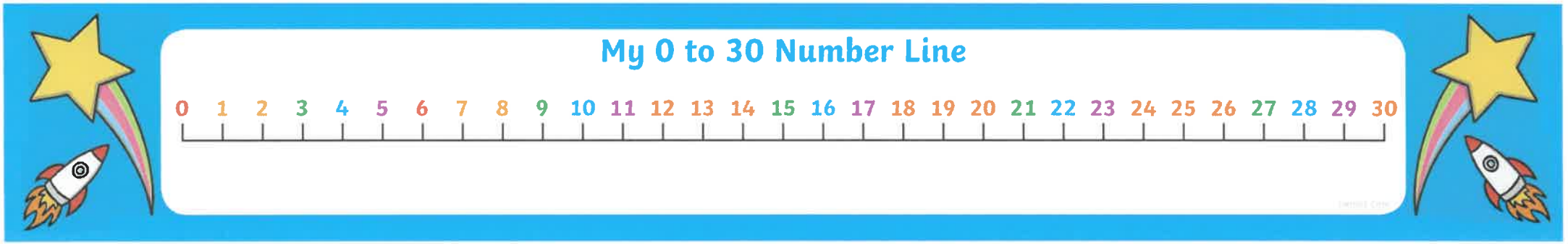
My 0 to 30 Number Line

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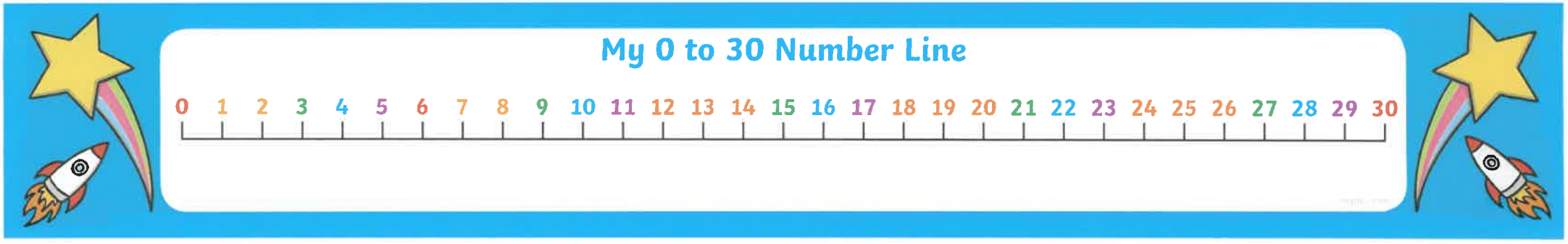
My 0 to 30 Number Line

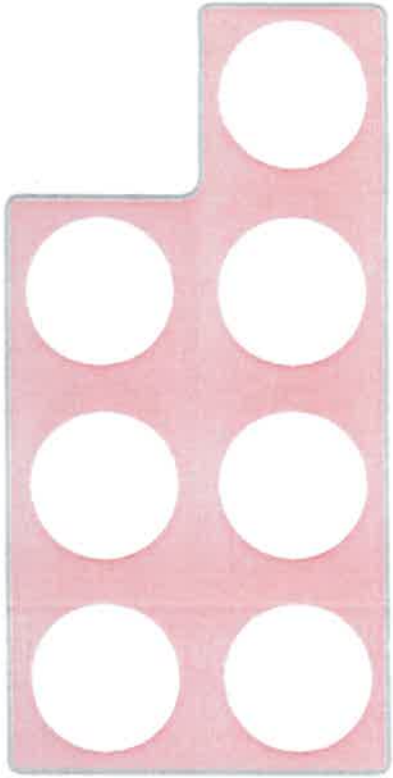
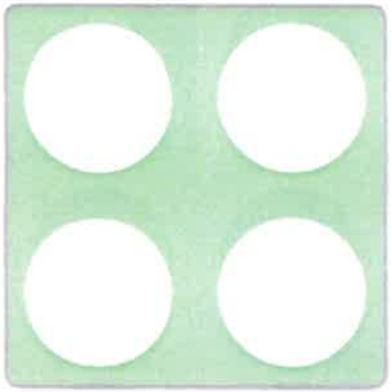
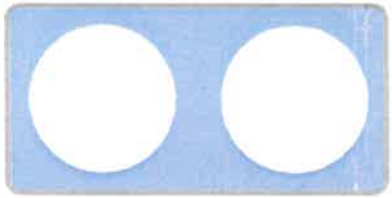
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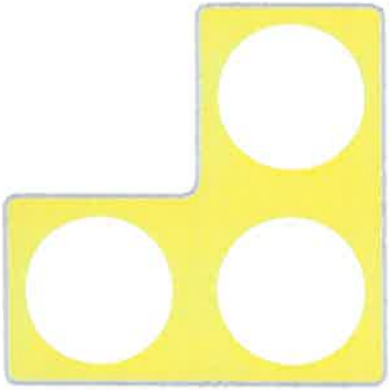
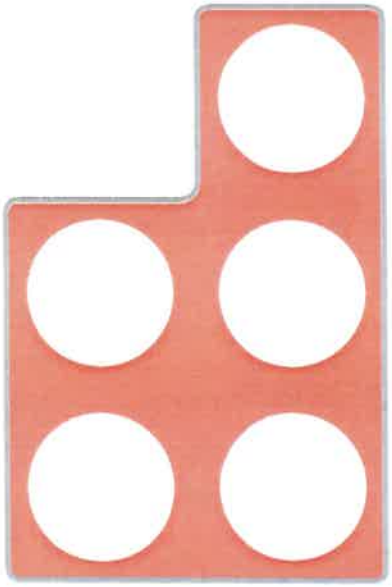
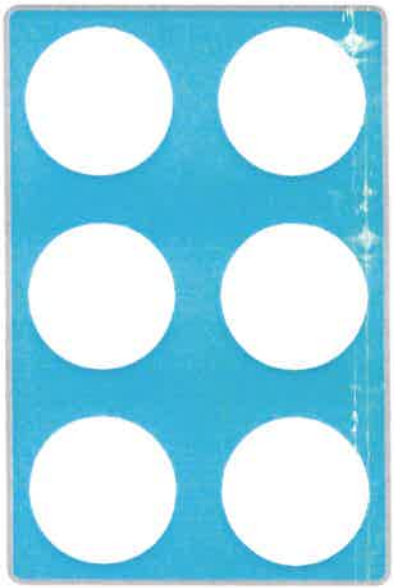
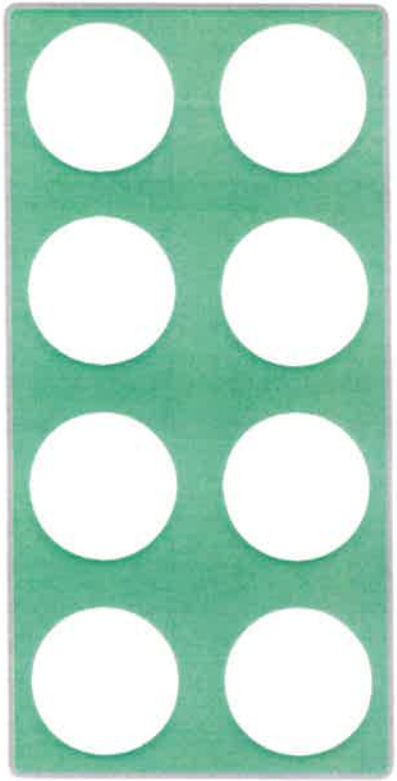


My 0 to 30 Number Line

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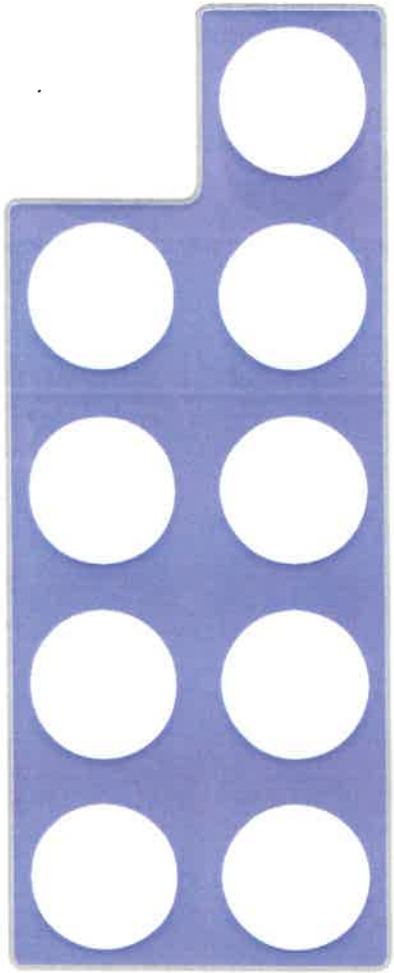


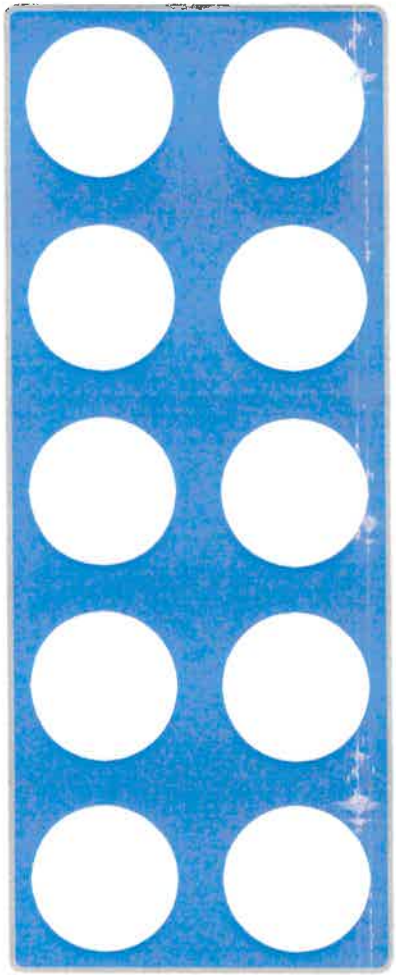




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Tens and Ones Place Value Mat

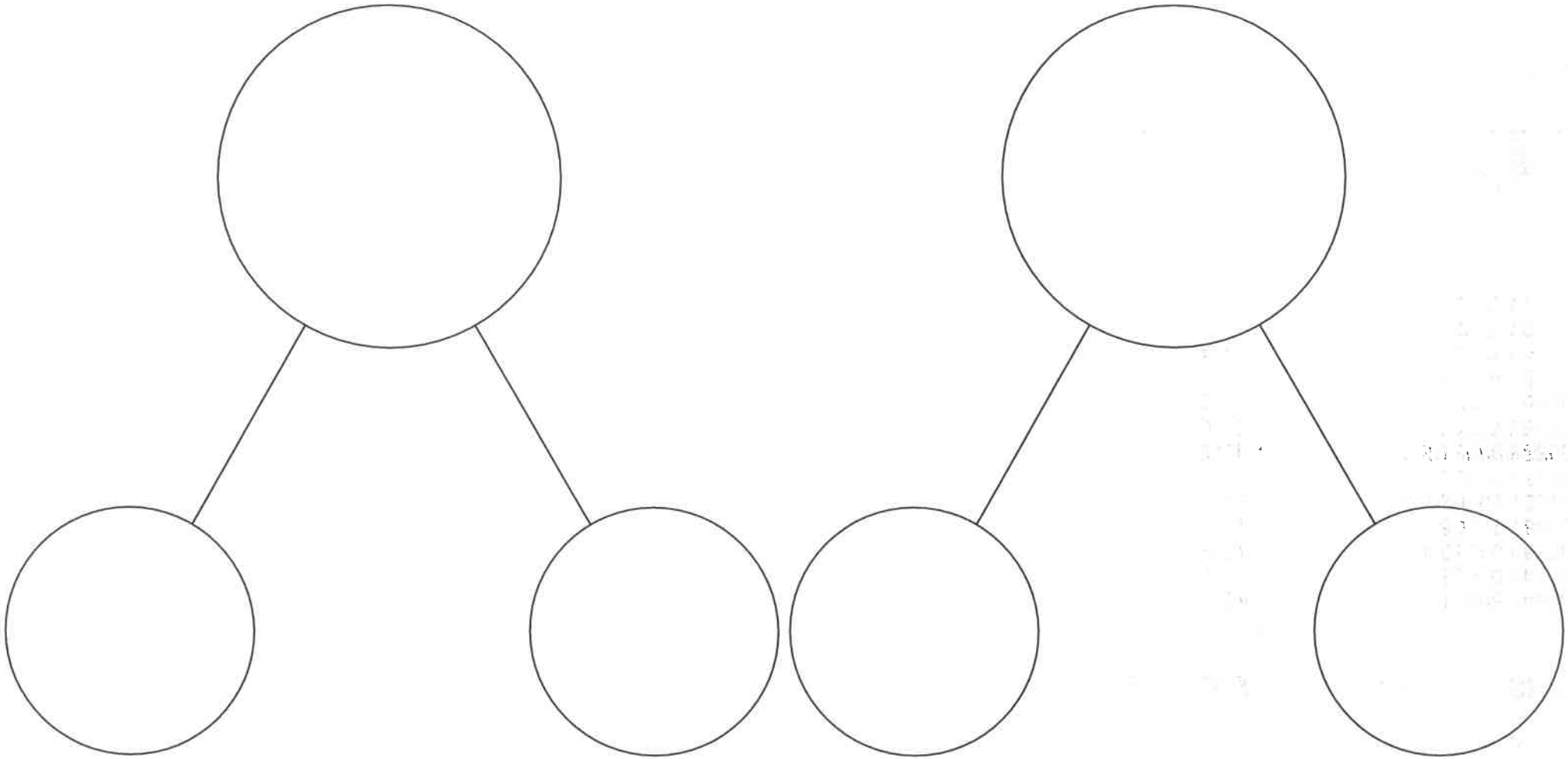
Tens	Ones

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100 Number Square

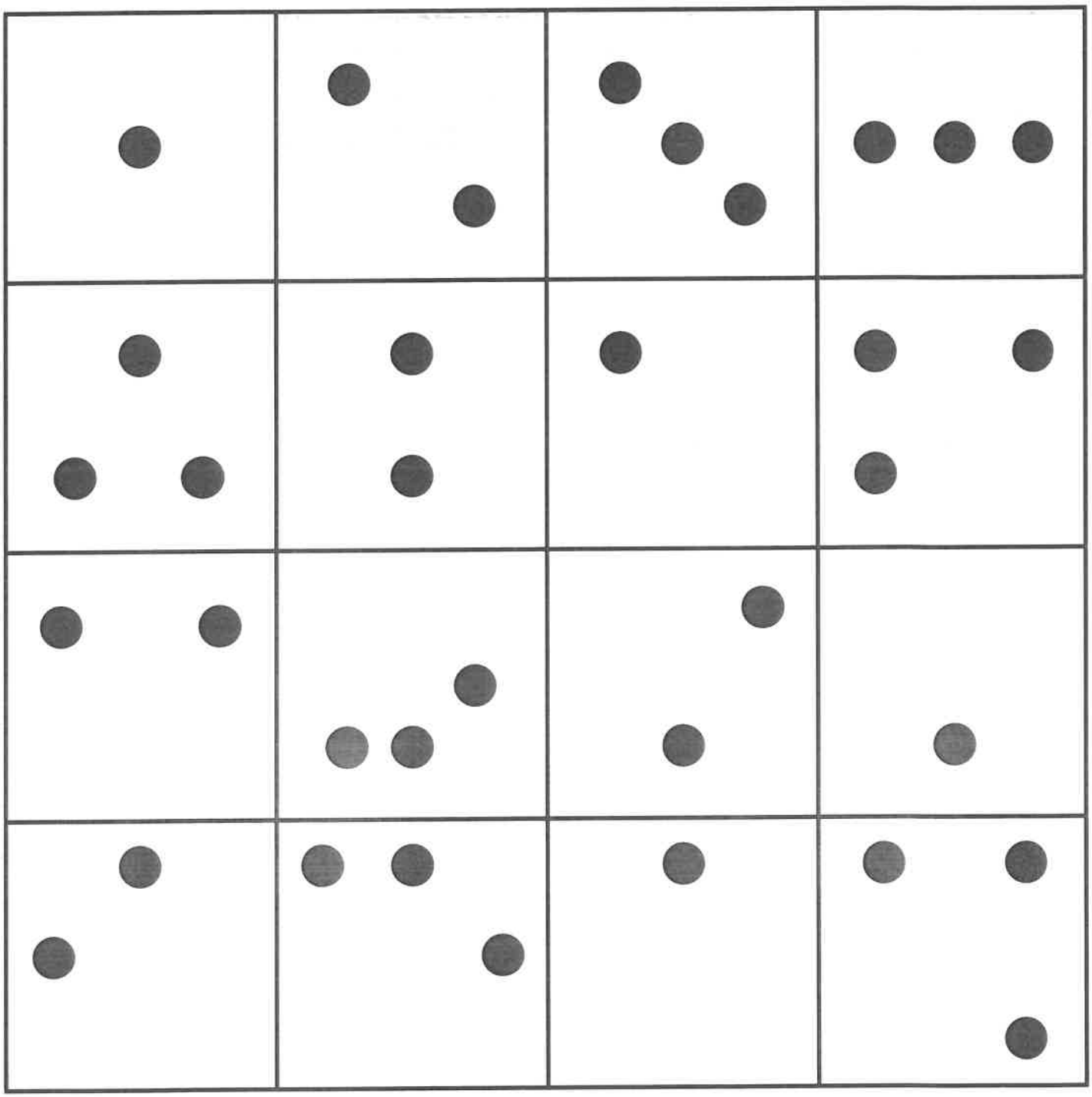
1	2	3	4	5	6	7	8	9	10
11	12	13	14	15	16	17	18	19	20
21	22	23	24	25	26	27	28	29	30
31	32	33	34	35	36	37	38	39	40
41	42	43	44	45	46	47	48	49	50
51	52	53	54	55	56	57	58	59	60
61	62	63	64	65	66	67	68	69	70
71	72	73	74	75	76	77	78	79	80
81	82	83	84	85	86	87	88	89	90
91	92	93	94	95	96	97	98	99	100

Blank Part Whole Model Template



Numbers 1 to 3
Subitising Roll and Cover

Provide a 1-3 dice. Roll the dice and cover or colour one of the squares with the corresponding number of spots.



KIRFs Progression Map

Bridgetown Primary School 2022-23

	Autumn 1	Autumn 2	Spring 1	Spring 2	Summer 1	Summer 2
Year 1	I know number bonds to 5.	I know number bonds to 10.	I can recognise numbers to 50.	I know the doubles and halves of numbers to 10.	I know addition and subtraction facts within 10.	I can tell the time to the nearest half an hour.
Year 2	I know number bonds to 20.	I know the doubles and halves of numbers to 20.	I know the 2 times table (x and ÷).	I know the 10 times table (x and ÷).	I know the 5 times table (x and ÷).	I can tell the time to the nearest 5 minutes.
Year 3	I know number bonds for each number up to 20.	I know the 3 times table (× and ÷).	I know the 4 times table (× and ÷).	I know the 8 times table (× and ÷).	I can recall facts about durations of time.	I can tell the time to the nearest minute.
Year 4	I know number bonds of 100.	I know the 6 & 9 times tables (x and ÷).	I know the 7 & 11 times tables (x an ÷).	I know times table facts to 12x12 (x and ÷).	I can multiply and divide a single digit by 10 & 100.	I can recognise simple equivalent fractions.
Year 5	I can find factor pairs of a number.	I can identify prime numbers up to 50	I can recognise equivalent fractions and decimals.	I know decimal number bonds to 1 and 10.	I can recall metric conversions.	I can recall square numbers up to 12^2 and their square roots.
Year 6	I can instantly recall ALL times table facts and related division facts to 12x12 and use these to derive facts including decimal numbers.	I can identify common factors of a pair of numbers.	I can convert between decimals, fractions and percentages.	I can find a fraction of an amount.	I can find a percentage of an amount.	I know the formulae for finding the area of different shapes.

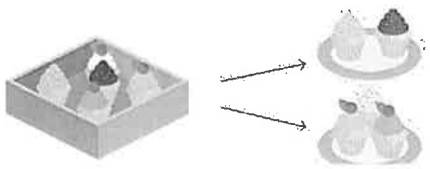
KIRF: I know number bonds to 5

Number bonds show us how numbers join together. They are very important for addition and subtraction. This half term, the children will be learning number bonds that make 5; they should be able to recall these independently.

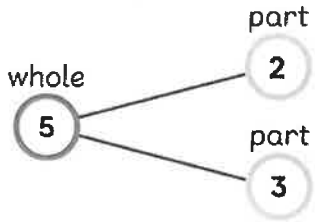
Year One – Autumn 1

What can this look like?

Concrete:



Pictorial:



Abstract:

2 and 3 make 5

2 + 3 = 5

5 – 2 = 3

Questions to ask at home

What do we need to **add** to 4 to make 5?

If I have 1, how **many more** do I need to get to 5?

What is the **difference** between 5 and 3?

Key vocabulary

What is 3 **add** 2?

What is 4 **plus** 1?

What is 5 **take away** 4?

What is 1 **less than** 5?

Things to try

Everyday Objects- Gather together 5 objects and separate them in as many different ways as possible, write the calculation to match each one.

Bunny ears- Decide on a number to make. Put your hands on your head as 'ears' and challenge your child to make 5, e.g. show two fingers on one hand and 3 on the other.

Put five small objects e.g coins/ counters on a table – cover some of the objects with your hand or hide some behind your back e.g 2 coins can your child calculate how many have been covered / hidden and say the corresponding number sentence e.g 2 and 3 more is 5 / 2 add 3 is 5 / 2 plus 3 is 5.

Active Learn games: Rainy Daze (a,b,c)
https://www.activelearnprimary.co.uk/resource/1100232

Websites:

Save The Whale: Learn bonds of 10, 9, 8, 7, 6 or 5 (ictgames.com)

Add With Pictures up to 5 Worksheets - Kindergarten Year Maths (splashlearn.com)

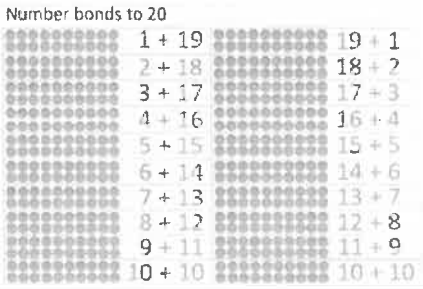
KIRF: I know number bonds to 20

Number bonds show us how numbers join together. They are very important for addition and subtraction. This half term, the children will be learning number bonds that make 20; they should be able to recall these independently.

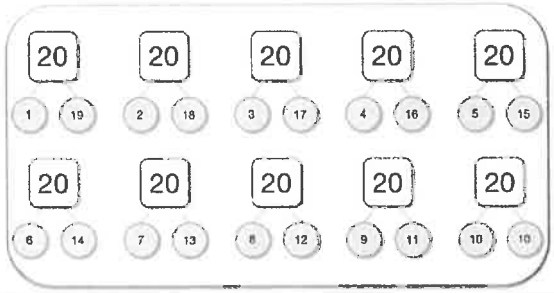
Year Two – Autumn 1

What can this look like?

Concrete:



Pictorial:



Abstract:

1 + 19	6 + 14
2 + 18	7 + 13
3 + 17	8 + 12
4 + 16	9 + 11
5 + 15	10 + 10

Questions to ask at home

What do we need to **add** to 13 to make 20?

If I have 10, how many more do I need to get to 20?

What is the **difference** between 20 and 12?

Key vocabulary

12 **add** 8 **equals** 20

18 **plus** 2 is **the same as** 20

20 **take away** 7 equals 13

20 **subtract** 3 makes 17

20 **minus** 9 equals 11

Activity Ideas

Paper Chains- Use two different colours to make paper chains to show each number bond, for example 14 + 6 could be shown as 14 green links and 6 blue links.

Say it, make it, write it- For each number bond, say it our loud, make it using everyday objects and then write it as a sum.

Pegs – Put 20 pegs on to a coat hanger, split them in different ways and count how many pegs are on each side. E.g. 14 pegs + 6 pegs = 20 pegs (14+6=10).

When your child feels confident recalling number bonds to 20, this nrich resource will help to challenge and develop their thinking: (make the starting number 20) https://nrich.maths.org/11114

Active Learn: Seaside Scuffle https://www.activelearnprimary.co.uk/resource/1100338 Treetop Topple https://www.activelearnprimary.co.uk/resource/1100464

Websites: White Rose video: Aut2.5.1 - Fact Families on Vimeo https://www.ictgames.com/mobilePage/funkyMummy/index.html Smoothie Maths || Practise number facts to 10, then 20 (ictgames.com)

This is a good website for quick, daily practice **https://www.topmarks.co.uk/maths-games/daily10**