Maths: Number – estimate then count number of eggs/dinosaurs in groups, more or less vocab

Monday

18th January 2021

Children count reliably with numbers from one to 20

count back from 20.

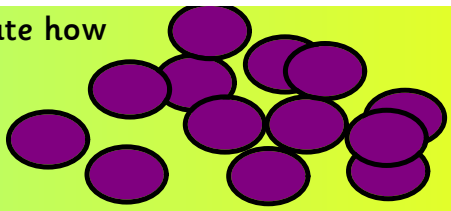
100 Square

0

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

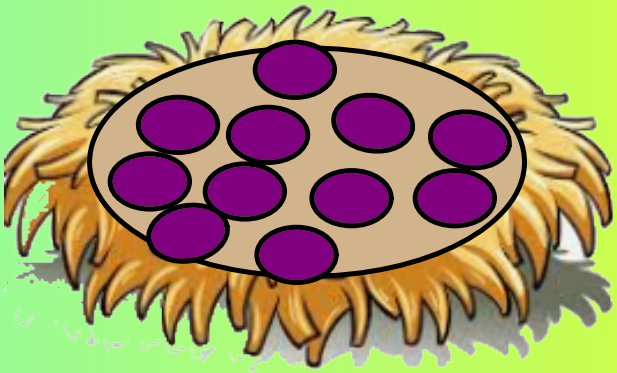
Can you find the hidden numbers?

Help Dina the dinosaur to estimate how many eggs are in the nest?



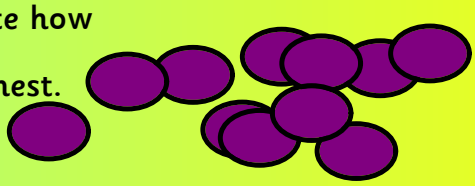
Ask chrn to estimate how many eggs in the nest then model placing each one on a number grid to count.

Use language - how many more go in the bigger nest? How many fewer eggs are needed in the smaller nest? etc



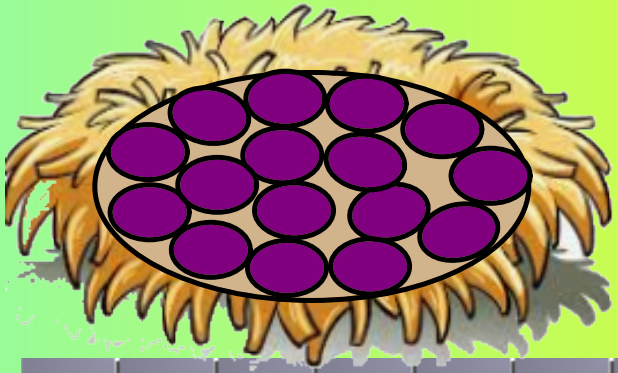
1	2	3	4	5	6	7	8	9	10
11	12	13	14	15	16	17	18	19	20

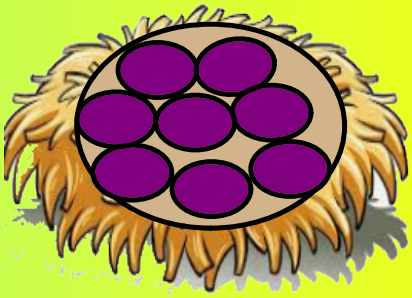
Help Dina the dinosaur to estimate how many eggs will go in the smaller nest.



Ask chrn to estimate how many eggs in the nest then model placing each one on a number grid to count.

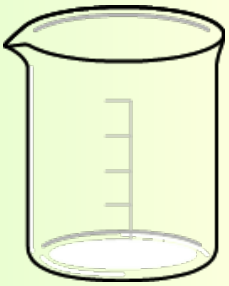
Use language - how many more go in the bigger nest? How many fewer eggs are needed in the smaller nest? etc





1	2	3	4	5	6	7	8	9	10
11	12	13	14	15	16	17	18	19	20

Estimating is all about having a good guess, not a silly one, but one you think could be right!



Today, we will estimate how many cups of water fit into different bowls or containers.

You will need:

1 cup

3 different sized bowls or containers

a sink or bath of water to check your estimations.

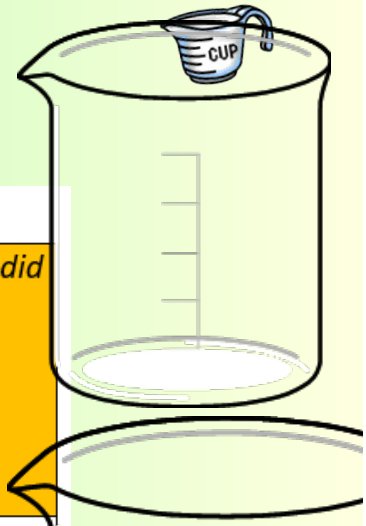
Today's activity sheet to record your results

First, estimate how many cups of water you think will fit into the first container

Write down your estimated number of cups

Then, check how many **full** cups of water it takes to fill your container and record your results

Finally, order your containers by how much water they hold (capacity)



Record your results

Container	*Your estimate*	*How many cups did it take to fill?*
1	10	15
2	20	
3		

Maths: Number – estimate then count number of eggs/dinosaurs in groups, more or less vocab

Tuesday

19th January 2021

Children count reliably with numbers from one to 20

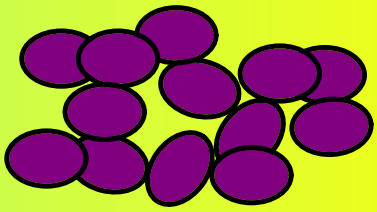
count back from 20.

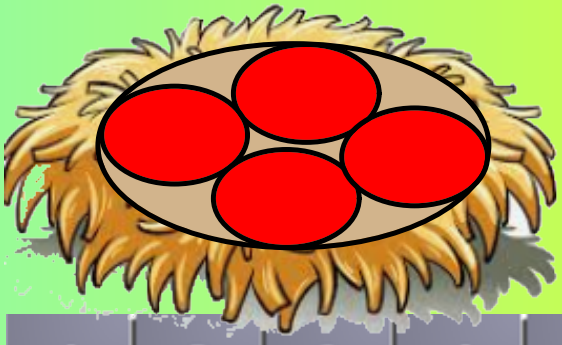
100 Square

0	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

Can you find the hidden numbers?

Help Dina the dinosaur to estimate how many of the smaller eggs will go in the nest.





Ask chrn to estimate how many eggs in the nest then model placing each one on a number grid to count.

Use language - how many more/ less of the bigger objects will go in the nest?

1	2	3	4	5	6	7	8	9	10
11	12	13	14	15	16	17	18	19	20

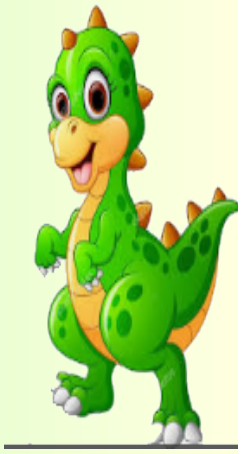
Yesterday we used water to fill containers, today we will use objects

You will need:

3 different sized bowls or containers

Lots of blocks or objects to fill each of your containers

Your activity sheet to record your results



First, estimate how many objects will fit into the first container

Write down your estimated

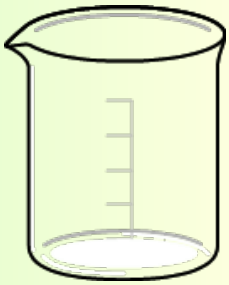
Then, check how many objects it takes to fill your container and record your results.

Remember to count very carefully

Finally, order your containers by how many objects they hold (capacity)

Record your results

Container	*Your estimate*	*How many objects did it take to fill?*
1		
2		
3		



Maths: Number – estimate then count number of eggs/dinosaurs in groups, more or less vocab

Wednesday

20th January 2021

Children count reliably with numbers from one to 20

count back from 20.

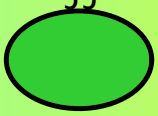
100 Square

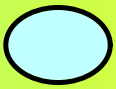
1	2	3	4		6	7		9	10
11	12		14	15	16	17	18	19	20
	22	23	24	25	26	27	28	29	30
31	32	33	34	35	36	37	38	39	40
41	42	43	44	45	46	47	48	49	50
51	52	53	54	55	56	57	58	59	60
61	62	63	64	65	66	67	68	69	70
71	72	73	74	75	76	77	78	79	80
81	82	83	84	85	86	87	88	89	90
91	92	93	94	95	96	97	98	99	100

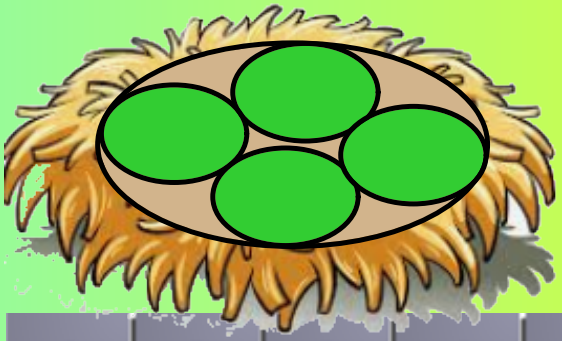
0

Can you find the hidden numbers?

Help Dina the dinosaur to estimate how many of the smaller eggs will go in the nest.







Ask chrn to estimate how many eggs in the nest then model placing each one on a number grid to count.

Use language - how many more/ less of the bigger objects will go in the nest?

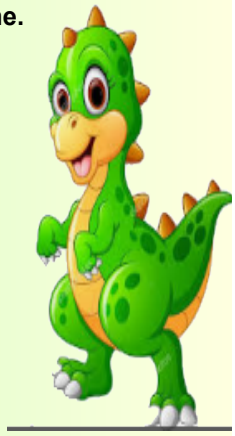
1	2	3	4	5	6	7	8	9	10
11	12	13	14	15	16	17	18	19	20

Yesterday we used object to fill containers, today we will use time

You will need:

A stop watch or timer. This might be on your computer or on your parent's phone.

Your activity sheet to record your results



First, estimate how many second it will take do complete the first activity (maybe 10 jumps)

Write down your estimate

Then, press start on the timer and jump 10 times. Quickly press stop when you've finished jumpling.

Remember to count your jumps very carefully

Then have a look at the timer and write down how many seconds it too you to complete the jumps.

Move onto the next activity and do the same again.

Have a look at the times, what took the longest to do?

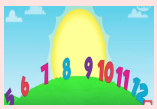
Record your results

Activity	*Your estimate (in seconds)*	*How many seconds did it take?*
12 Jumps		
8 hops		
20 claps		
5 roley poleys		
15 spins		

SSM - estimate size of dino footprints, use language of shortest, order size of dino footprints. Measure size and distance between footprints using cubes etc.

Thursday

21st January 2021



Children count reliably with numbers from one to 20

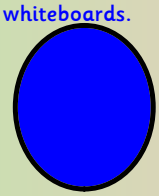
count back from 20.

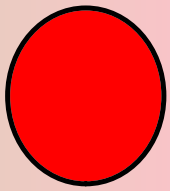
100 Square

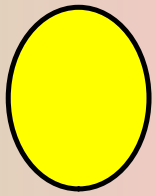
0			3		5	6		8	9	10
11	12	13	14	15	16	17	18	19	20
21	22	23	24	25	26	27	28	29	30
31	32	33	34	35	36	37	38	39	40
41	42	43	44	45	46	47	48	49	50
51	52	53	54	55	56	57	58	59	60
61	62	63	64	65	66	67	68	69	70
71	72	73	74	75	76	77	78	79	80
81	82	83	84	85	86	87	88	89	90
91	92	93	94	95	96	97	98	99	100

Can you find the hidden numbers?

Can you help Dina estimate how many footsteps she needs to take to reach her eggs? Write your estimations on your whiteboards.







Teach chrn that in order to measure length accurately, what they use has to be the same size and shape.

Today we will estimate how many steps it takes to get to places in our house. To make it a fair test, try to keep your steps the same length.

You will need:

Your activity sheet to record your results

First, estimate how many steps it will take to get to your first location

Write down your estimated

Then, check how many steps it takes and record your results.

Remember to count very carefully

Finally, look at your results. Which was the shortest distance? Which was the longest?

Record your results

Distance to check	Estimate of footsteps	How many footsteps did it take?
From your sofa to your TV		
From your bath to your sink		
From your bed to your bedroom door		
From your kitchen, around your house, through every room and back to where you started in the kitchen		

Friday

22nd January 2021

Children count reliably with numbers from one to 20

count on to 20.

count back from 20.

100 Square

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

0

Can you find the hidden numbers?

Number formation

*Say the rhyme and practice the numeral.

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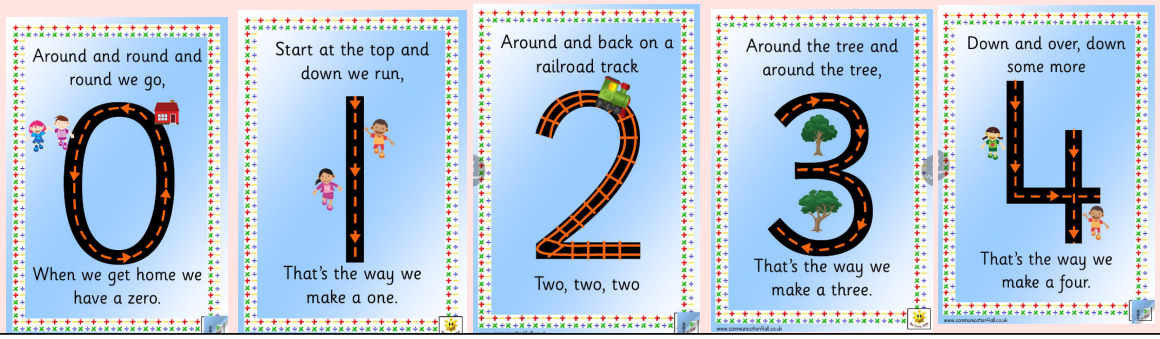

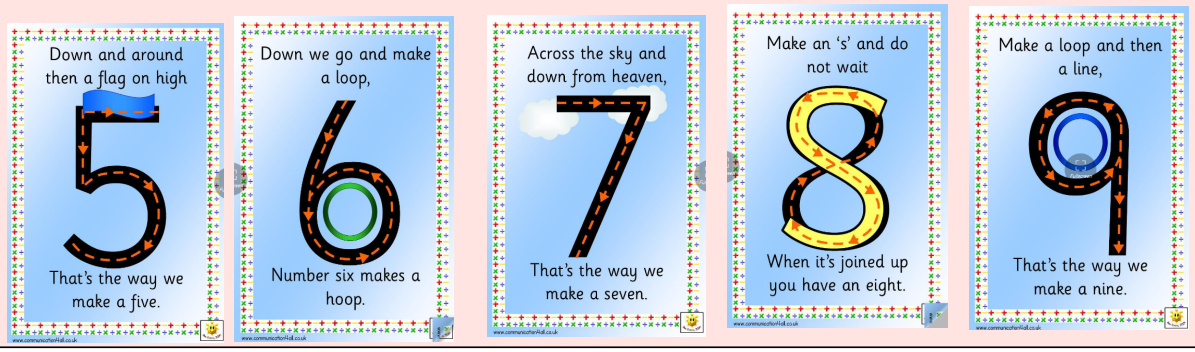

Extension: write the number all the way up to 20

Attachments

W3 maths - Monday activity sheet - Record your results.docx

W3 maths - Tuesday activity sheet - Record your results.docx

W3 maths - Thursday activity sheet - Record your results.docx

W3 maths - Wednesday activity sheet - Record your results.docx

W3 maths - Friday activity sheet - formation.pdf