



Oakwood Maths

Basic Skills Logs

Planets Award



Name _____ Class _____

What is the Planets Award?



In this Number Planets log, the children will continue to work on learning number facts, becoming more rapid in their responses.

The log consists of 10 statements, showing the specific maths targets that the children are working towards in KS1.

The statements do not necessarily need to be completed in chronological order.

The targets on the pages need to be fully embedded in the children's day to day maths.

How can you support your child at home?



At home, the children could use everyday objects along with dominoes, dice, number cards, objects and playing cards, to support their work towards the Planets Award targets.

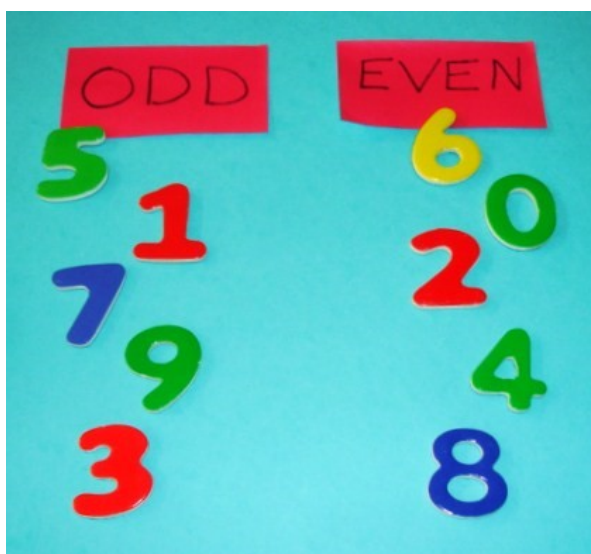
In this log, there are helpful images, ideas and questions for each target, which will support you with possible activities at home.

The children can record their work at home and bring in examples of their maths to share with us at school. They could take photographs or draw images to show what they have been doing.



I can recognise odd and even numbers

- **Sort number cards into odd and even numbers**
- **Recognise that even numbers have 0, 2, 4, 6, 8 in the units column**
- **Recognise that odd numbers have 1, 3, 5, 7, 9 in the units column**
- **Count in odd numbers**
- **Count in even numbers**





I can count in threes to 30 and in fours to 40

- Count in threes and fours in order and write the numbers
- Count in threes and fours along a number line
- Order number cards
- Sort objects into groups of three or four and count

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



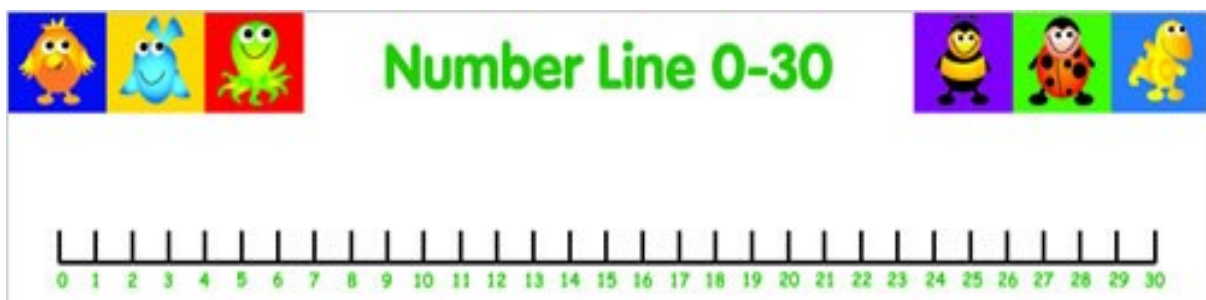


**I know which number to
add to reach the next
multiple of 10**

- Find missing numbers:**

$$24 + \square = 30$$

- Write number sentences**
- Count along a number line**
- I am at 15. How many more to
make 20?**



$$15 + \underline{\quad} = 20$$



I can add and subtract two multiples of 10

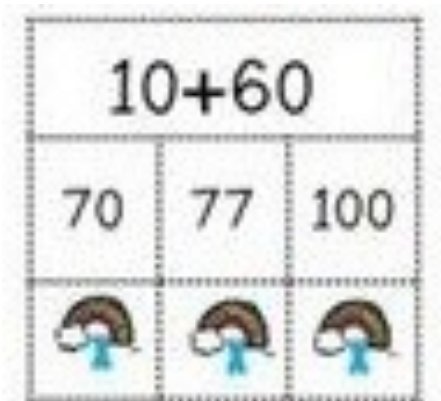
- Write number sentences
- Count along a number line
- Use objects to support
- Complete puzzles to match questions and answers
- Choose the correct answer to solve a number sentence

$$20 + 40 =$$

$$50 - 30 =$$

$$70 - 20 =$$

$$80 - 40 =$$



$$30 + 40 = 70$$





Useful

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



Resources



Even

Numbers ending in



Odd

Numbers ending in





I can add and subtract multiples of 10 within 100

- When adding and subtracting 10, remember that the units stay the same and the tens digit changes by going up or down
- Write number sentences
- Count forwards and backwards along a number line
- Use objects to support
- Use a number grid to support:

$$37 + 30 = 67$$

21+30



22+20



23+40



16

+

40

=

56



I have
72

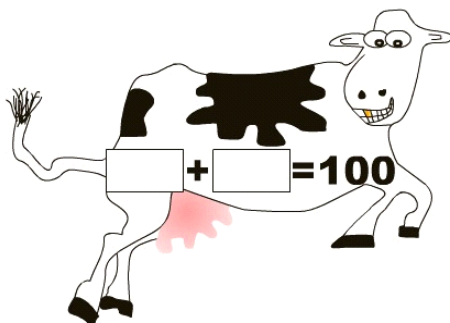
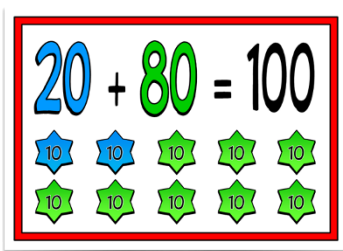
Who has
 $65 - 40$?

$$43 - 30 = \underline{\quad}$$



**I can add
multiples of 10 to
make 100**

- **Use your number bonds to 10 to help**
- **Fill in missing box questions**
- **Learn all the different combinations at random**
- **Match cards to make 100**
- **Play dominoes**
- **Match puzzle pieces to find pairs to 100**
- **Play pairs games**





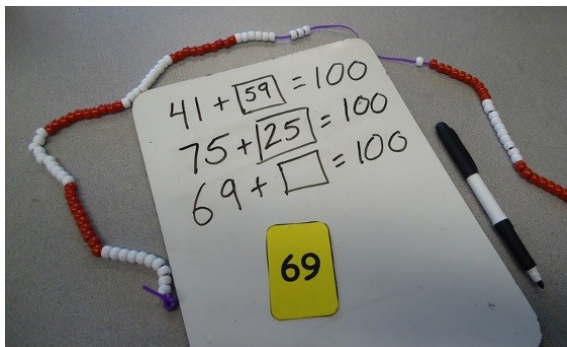
I can find number pairs that total 100

eg. $65 + 35 = 100$
 $15 + 85 = 100$
 $100 = 72 + 28$
 $100 = 56 + 44$

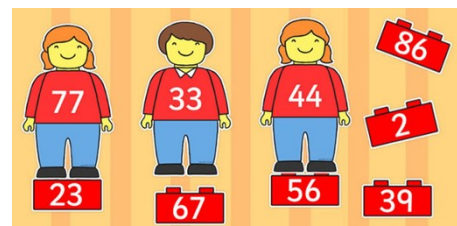
- Find all pairs of numbers to total 100
- Match number cards to make 100
- Complete missing box questions

$$67 + \square = 100$$

$$\square + 31 = 100$$



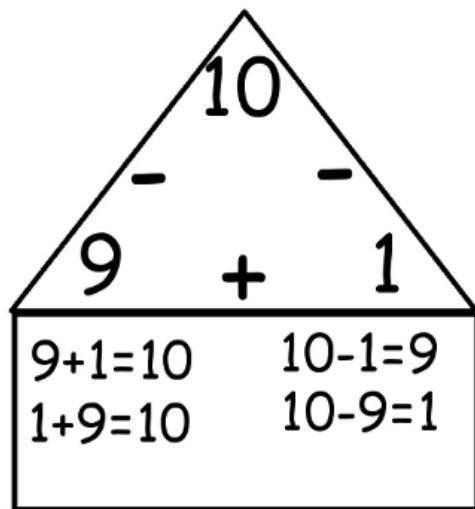
100		
64	67	19
36	6	81
33	78	22
27	73	94



54	82	34	6	50	65
90	5	86	0	94	50
33	46	27	30	14	11
78	95	89	67	45	35
55	73	87	18	8	10
22	70	66	92	100	13



I can recognise the inverse of addition and subtraction to solve missing number questions.



- If I know $17 + 8 = 25$ what else do I know?**

$$8 + 17 = 25$$

$$25 - 17 = 8$$

$$25 - 8 = 17$$

- What number sentences can you make with these numbers?**

$$23, 6, 17?$$

$$\text{Or } 73, 20, 93?$$

- Can you solve...?**

•

$$42 - \square = 30$$

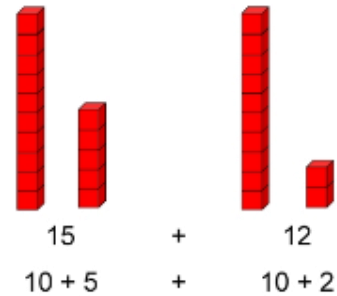
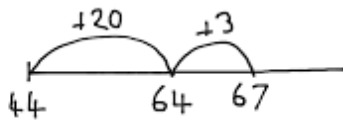
$$68 = 20 + \square$$



I can add two 2-digit numbers including bridging through ten

$$44 + 23 = 67$$

20 3



ADDING TWO TWO-DIGIT NUMBERS

$$57 + 39 =$$

First add tens: $57 + 30 =$ ____

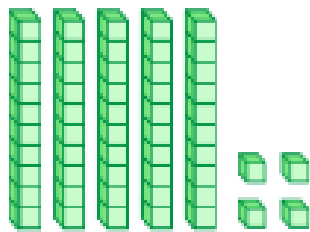
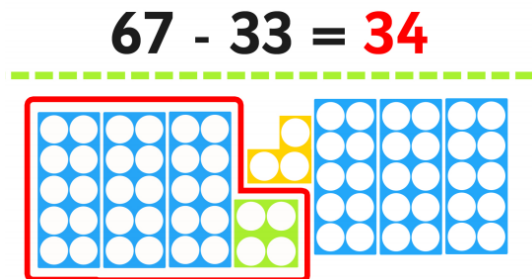
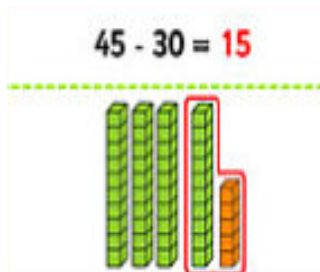
Then add ones: ____ + 9 = ____

- Partition the numbers into tens and units
- Count on in tens first, then add the units.
- Using apparatus such as Dienes and Numicon
- Use number squares
- How can you check your answer?

eg. *"I could add 40 then minus 1"*



I can subtract two 2-digit numbers



$54 - 12 = \underline{\quad}$

- **Partition numbers**
- **Count back in tens first and then the units**
- **Use apparatus such as Dienes or Numicon to help**
- **How can you check your answer?**

Congratulations, you have achieved your Planets Award.



School Signature

Date _____



Oakwood Maths Basic Skills Awards

At Oakwood Primary School, we have a Basic Skills Log system, which leads to awards.



Rockets, Stars and Planets

These three logs are worked through in Years R, 1 and 2. They help embed basic knowledge of the number system and number bonds.

Children should aim for all three awards by the end of Year 2.



The Bronze Award

This is knowing all your tables up to 12×12 and all the division facts which go with them.

Children should aim for this by the end of Year 4.



The Silver Award

This is using your multiplication and division facts to multiply and divide by multiples of 10, knowing square numbers, doubling and halving and knowing common fraction equivalents.

Children should aim for this by the end of Year 5.



The Gold Award

This is using your multiplication and division facts to work with money, decimals and having a range of mental maths strategies for all occasions!

Children should aim for this by the end of Year 6.

When children have achieved the **Gold Award**, they can move on to the **Platinum** and **Platinum Plus Awards**.