



Learning in the jungle

Level 2: Book 1

Join me and my friends in the jungle for another adventure. We will have loads of fun and we will discover new and wonderful creatures along the way.

Practical application of concepts within the theme.

Cut out page 25 and answer the following questions:

1. Left and right: Circle all the leopards that are facing right. Draw a square around all the toucans that are facing left.
2. Count: How many trunks do the elephants have altogether? How many beaks do the toucans have altogether?
3. Double: Count the leopards and double your answer, count the monkeys and double your answer.
4. Multiples: Count the lions, count the giraffes, count the elephants.
5. Divide: Count the rhinos. How many groups of 5 can you make? Count the toucans. How many groups of 4 can you make?
6. Increase: Count the monkeys. How many monkeys do you need to add to make 20?
7. Take away: Count the giraffes. Take away 8. How many are left? Count the toucans. Take away 3. How many are left?
8. Smaller than, equal to or greater than: Are the number of lions smaller than, equal to or greater than the toucans?
9. Place value: How many groups of 10 can you make using each of the different animals. Count how many animals are left over in each group.

In Level 2 you will meet Miss Hala. Miss Hala will explain the purpose and importance of specific activities, methods and rules and why certain skills are included in this series. Tippiie does maths aligns to the National Curriculum's outcomes. Tippiie approaches Maths differently and where age-appropriate, skills are expanded on.



Level 2: Book 1 of Tippiie does maths serves as revision and reinforcement for basic Mathematical literacy covered in Level 1.

Tippie does maths is a fun way to master numeracy skills. Complete page by page, assist your child and discuss each picture.

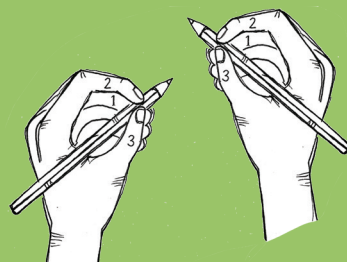
We recommend that you divide your maths lessons into half-hour sessions with a maximum of 4 pages a day. Learn by doing, and active involvement in learning is the most effective way for children to learn.

The child needs scissors, colouring pencils and glue for the majority of the books. In addition, the child will need a ruler and calculator for some of the books.

Use a pencil for writing and give attention to the correct pencil grip.

Tippie believes learning should be exciting, fun-filled and functional.

This series focuses on functional outcomes and the child is only expected to write answers if they contribute to the mathematical outcomes. With all the visual structures provided the child's focus will be on mathematical skills and not on "writing". The child can circle, mark or write the answer.



There is an opportunity for the child to do self-evaluation. The child can draw Tippie's mouth to show:



I can do it!



I still need to
practise!



I need help!

This series introduces some new icons:



Time-based
activities.

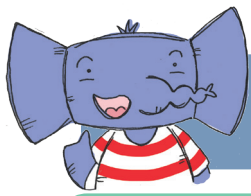


Progression of
skills.



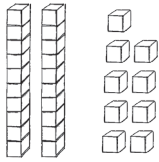
Curriculum
extension.

Level 2: Book 1 has a pull-out centre spread that serves as a speed-test for number bonds 1 - 20. It should take no more than 4 minutes to complete.

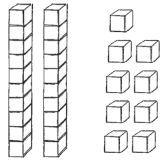


Count, colour, read and write up to 20.

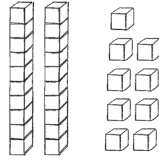
Place value is an important concept and is essential for a complete mathematical understanding. Place value will aid regrouping, adding and subtracting multi-digit numbers, and more difficult calculations required for algebra.



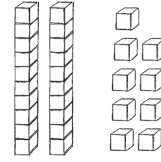
one



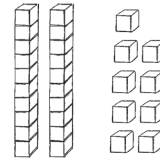
two



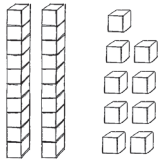
three



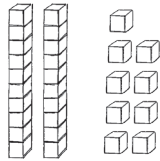
four



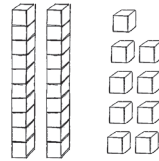
five



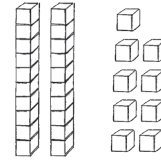
six



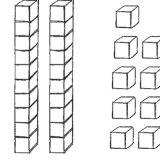
seven



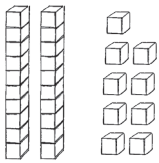
eight



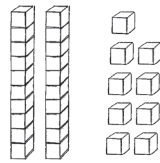
nine



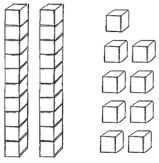
ten



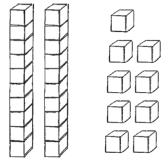
eleven



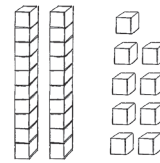
twelve



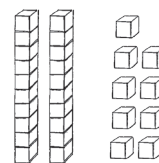
thirteen



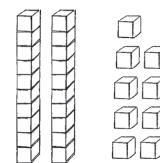
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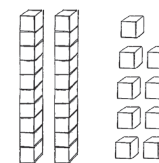
fifteen



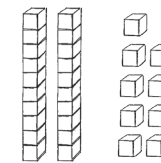
sixteen



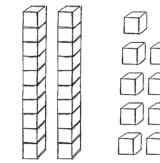
seventeen



eighteen



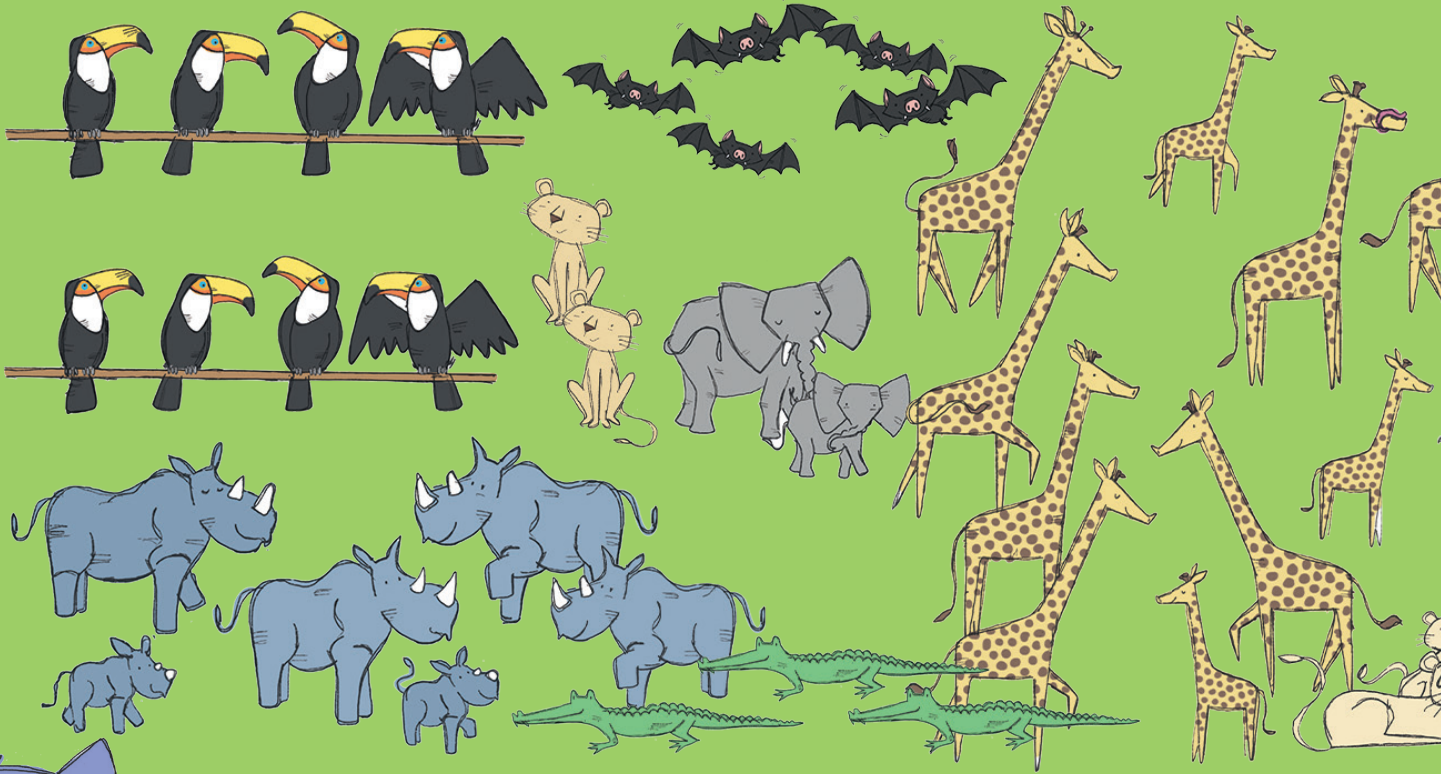
nineteen



twenty



Level 2 of Tippi's does maths builds on the outcomes recorded and practised in Level 1. Mathematical principles are progressive and if the basic prior knowledge is lacking, we strongly recommend that the child revise the Level 1 series before moving on to Level 2.



Look at the picture and answer the questions.

- Count with Tippie. Write your answers in the block, first as a number and then as a number name.

	<input type="text"/>	<input type="text"/>		<input type="text"/>	<input type="text"/>
	<input type="text"/>	<input type="text"/>		<input type="text"/>	<input type="text"/>
	<input type="text"/>	<input type="text"/>		<input type="text"/>	<input type="text"/>

- Are the crocodiles more than the giraffes?

yes

no

- Are the lions less than the hippos?

yes

no

- What animals are there the least of?

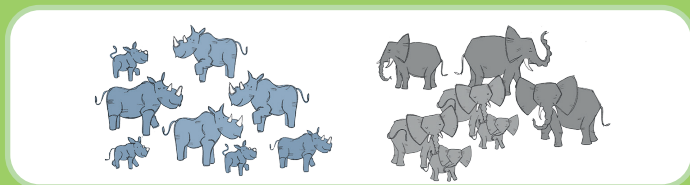


- What animals are there the most of?

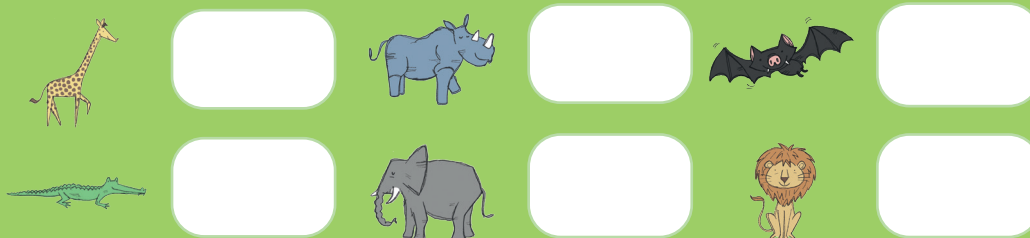




6. Draw a circle around the even number of animals grouped in each block.



7. Now that you have helped Tippiie to count some of the animals in the jungle, place the animals from the most to the least.

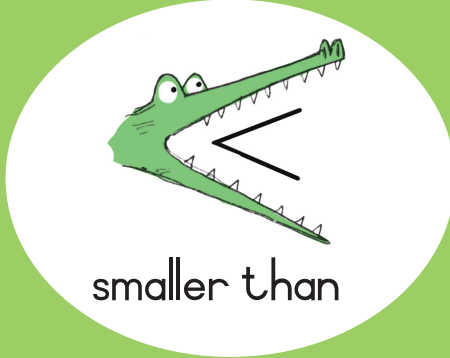


8. Cut out the pictures on page 27. Arrange and glue the animals from least to most in the block below.

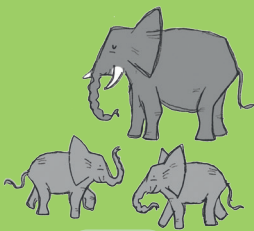


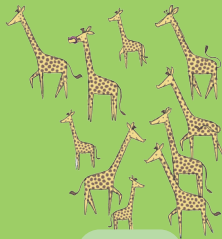


Crocodiles are always hungry. Learn about less than, equal to and greater than. Crocodiles always look for the **biggest** number.

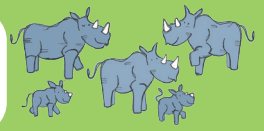


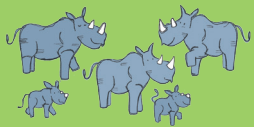
1. Count and write the answer and then fill in $>$, $<$ or $=$

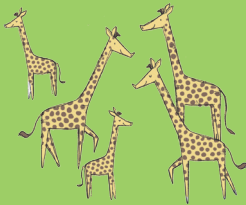




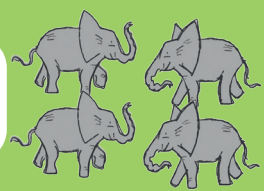






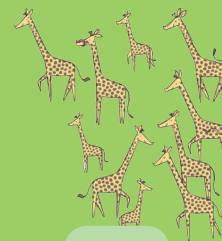














10

20

18

19

11

12

19

16

17

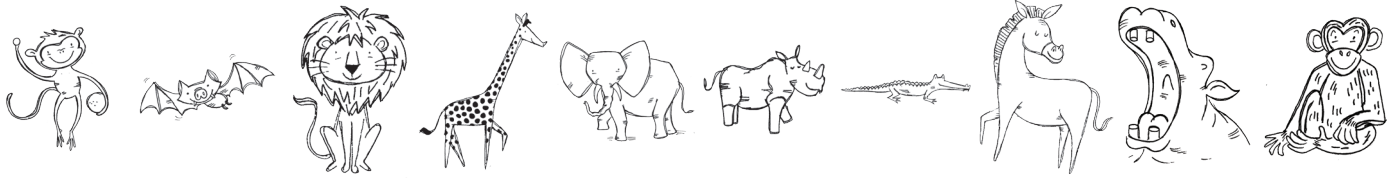
17

14

13



Tippie is looking at all the animals.
Help him to do the following.

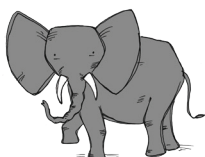


1. Colour the animal 8th in the line yellow.
2. Colour the animal 2nd in the line red.
3. Colour the animal between the 4th and 6th animals purple.

4. Which animal is 1st in the line?
5. Which position is the crocodile in?
6. Which animal is before the hippo?
7. Which animal is after the monkey?



8. Look at the picture. Write 1st, 2nd, 3rd, 4th and 5th under the correct pictures.
Then, fill in the blanks in the sentence below.



The elephant is in the  place.

The leopard is in the  place.

The iguana is in the  place.

The lion is in the  place.



Use page 25.
Complete the questions below.

1. Find the monkeys.

How many groups of monkeys are there?

How many monkeys are there altogether?

Double the amount of monkeys.

Halve the amount of monkeys.

2. Find the leopards.

How many groups of leopards are there?

How many leopards are there altogether?

Double the amount of leopards.

3. Find the rhinos.

How many groups of rhinos are there?

How many rhinos are there altogether?

Double the amount of rhinos.

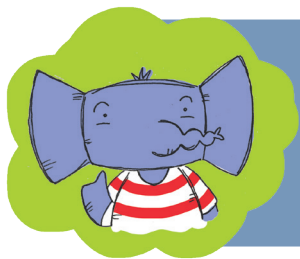
Halve the amount of rhinos.

4. Find the elephants.

How many groups of elephants are there?

How many elephants are there altogether?

Halve the amount of elephants.



Addition

Add and write your answer.
Try to do this as quickly as possible.



3 and 2 make

5 take away 5 make

2 and 7 make

7 take away 3 make

4 and 6 make

13 take away 1 make

7 and 2 make

6 take away 4 make

2 and 11 make

13 take away 4 make

8 and 11 make

14 take away 4 make

11 and 8 make

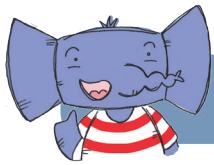
20 take away 0 make

10 and 9 make

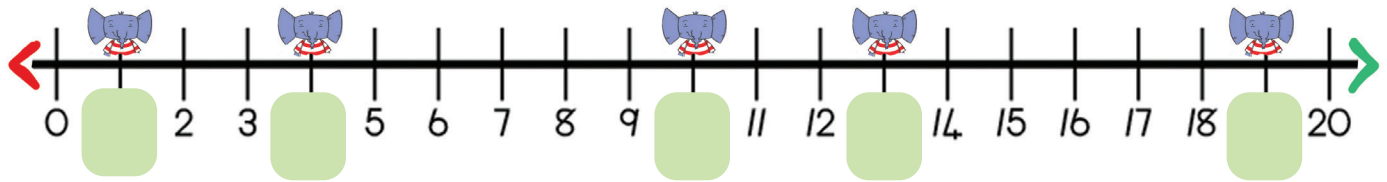
19 take away 4 make

Mental maths actually keeps our brains quick and sharp. Mental maths also greatly improves a child's number sense, the ability to understand the relationships between quantities.





Use the number line to answer the following questions:



1. Fill in the missing numbers every time you see Tippie on the number line.
2. Circle the number that comes before 17 in green.
3. Draw a square around the number that comes after 19.
4. Draw arrows to show how you could double 3 on the number line.
5. Draw arrows to show 6 + 9 on the number line.

Which number comes...

before



between



after



before



between



after



Arrange the numbers from smallest to biggest.

17, 10, 14



18, 15, 13



13, 11, 6



9, 20, 14





Use the pictures that you cut out on page 25 to complete the graph and to answer the questions.

twenty						
eighteen						
sixteen						
fourteen						
twelve						
ten						
eight						
six						
four						
two						
zero						
						

1. Which animals appear the most?



2. Which animal appears the least?



3. How many more giraffes than elephants?

1 2 3 4

4. How many more lions than rhinos?

7 8 9 10

5. Halve the amount of toucans.

2 4 6 8

6. Which animal does not appear on the graph?



7. How many more rhinos would I need to add if I wanted 20?

5 10 15 20



Cut out this page and use it for the activities on page I, 8 and II.

