These workbooks have been developed for the children of South Africa under the leadership of the Minister of Basic Education, Mrs Angie Motshekga, and the Deputy Minister of Basic Education, Mr Enver Surty.

The Rainbow Workbooks form part of the Department of Basic Education’s range of interventions aimed at improving the performance of South African learners in the first six grades. As one of the priorities of the Government’s Plan of Action, this project has been made possible by the generous funding of the National Treasury. This has enabled the Department to make these workbooks, in all the official languages, available at no cost.

We hope that teachers will find these workbooks useful in their everyday teaching and in ensuring that their learners cover the curriculum. We have taken care to guide the teacher through each of the activities by the inclusion of icons that indicate what it is that the learner should do.

We sincerely hope that children will enjoy working through the book as they grow and learn, and that you, the teacher, will share their pleasure.

We wish you and your learners every success in using these workbooks.

Mrs Angie Motshekga,
Minister of Basic Education

Mr Enver Surty,
Deputy Minister of Basic Education
Contents

<table>
<thead>
<tr>
<th>No.</th>
<th>Title</th>
<th>Pg.</th>
</tr>
</thead>
<tbody>
<tr>
<td>1</td>
<td>Revision: Tracking and matching</td>
<td>2</td>
</tr>
<tr>
<td>2</td>
<td>Revision: Sorting colours and tracing patterns</td>
<td>4</td>
</tr>
<tr>
<td>3</td>
<td>Revision: Colours and patterns</td>
<td>6</td>
</tr>
<tr>
<td>4</td>
<td>Revision: Sorting and matching shapes</td>
<td>8</td>
</tr>
<tr>
<td>5</td>
<td>Revision: Find and count</td>
<td>10</td>
</tr>
<tr>
<td>6</td>
<td>Revision: Positions</td>
<td>12</td>
</tr>
<tr>
<td>7</td>
<td>Revision: Time</td>
<td>14</td>
</tr>
<tr>
<td>8</td>
<td>Revision: Shapes, sizes and colours</td>
<td>16</td>
</tr>
<tr>
<td>9</td>
<td>One</td>
<td>18</td>
</tr>
<tr>
<td>10</td>
<td>Two</td>
<td>20</td>
</tr>
<tr>
<td>11</td>
<td>Three</td>
<td>22</td>
</tr>
<tr>
<td>12a</td>
<td>Length and position</td>
<td>24</td>
</tr>
<tr>
<td>12b</td>
<td>Length</td>
<td>26</td>
</tr>
<tr>
<td>13</td>
<td>Compare numbers 1 to 3</td>
<td>28</td>
</tr>
<tr>
<td>14</td>
<td>Four</td>
<td>30</td>
</tr>
<tr>
<td>15</td>
<td>Add and subtract up to 4</td>
<td>32</td>
</tr>
<tr>
<td>16</td>
<td>Time</td>
<td>34</td>
</tr>
<tr>
<td>17</td>
<td>Five</td>
<td>36</td>
</tr>
<tr>
<td>18</td>
<td>Revise numbers 1 to 5</td>
<td>38</td>
</tr>
<tr>
<td>19</td>
<td>Add up to 5</td>
<td>40</td>
</tr>
<tr>
<td>20</td>
<td>Subtract from 5 and add up to 5</td>
<td>42</td>
</tr>
<tr>
<td>21</td>
<td>Add and subtract up to 5</td>
<td>44</td>
</tr>
<tr>
<td>22</td>
<td>Addition and subtraction 1 to 5</td>
<td>46</td>
</tr>
<tr>
<td>23</td>
<td>Balls and boxes</td>
<td>48</td>
</tr>
<tr>
<td>24a</td>
<td>Left and right</td>
<td>50</td>
</tr>
<tr>
<td>24b</td>
<td>Direction</td>
<td>52</td>
</tr>
<tr>
<td>25</td>
<td>Building up and breaking down numbers</td>
<td>54</td>
</tr>
<tr>
<td>26</td>
<td>Addition doubles</td>
<td>56</td>
</tr>
<tr>
<td>27</td>
<td>Bigger and smaller</td>
<td>58</td>
</tr>
<tr>
<td>28</td>
<td>Sort objects</td>
<td>60</td>
</tr>
<tr>
<td>29</td>
<td>Let us share equally</td>
<td>62</td>
</tr>
<tr>
<td>30</td>
<td>Sharing and grouping</td>
<td>64</td>
</tr>
<tr>
<td>31</td>
<td>Building objects</td>
<td>66</td>
</tr>
<tr>
<td>32</td>
<td>Telling time</td>
<td>68</td>
</tr>
<tr>
<td>33</td>
<td>Six</td>
<td>70</td>
</tr>
<tr>
<td>34</td>
<td>Seven</td>
<td>72</td>
</tr>
<tr>
<td>35</td>
<td>Eight</td>
<td>74</td>
</tr>
<tr>
<td>36</td>
<td>Nine</td>
<td>76</td>
</tr>
<tr>
<td>37</td>
<td>Full or empty</td>
<td>78</td>
</tr>
<tr>
<td>38</td>
<td>Ten</td>
<td>80</td>
</tr>
<tr>
<td>39</td>
<td>Numbers 1 to 10</td>
<td>82</td>
</tr>
<tr>
<td>40</td>
<td>Capacity and volume</td>
<td>84</td>
</tr>
<tr>
<td>41</td>
<td>Number 1 to 10</td>
<td>86</td>
</tr>
<tr>
<td>42</td>
<td>More, equal and less</td>
<td>88</td>
</tr>
<tr>
<td>43</td>
<td>Adding</td>
<td>90</td>
</tr>
<tr>
<td>44</td>
<td>Collecting and organising</td>
<td>92</td>
</tr>
<tr>
<td>45</td>
<td>Addition to 10: counting on</td>
<td>94</td>
</tr>
<tr>
<td>46</td>
<td>Addition: building and breaking to 10</td>
<td>96</td>
</tr>
<tr>
<td>47</td>
<td>Doubling and halving</td>
<td>98</td>
</tr>
<tr>
<td>48a</td>
<td>Shapes</td>
<td>100</td>
</tr>
<tr>
<td>48b</td>
<td>More 2-D shapes</td>
<td>102</td>
</tr>
<tr>
<td>49</td>
<td>Groups of two to 10</td>
<td>104</td>
</tr>
<tr>
<td>50</td>
<td>Repeated addition of twos up to 10</td>
<td>106</td>
</tr>
<tr>
<td>51</td>
<td>Patterns: 2 to 20</td>
<td>108</td>
</tr>
<tr>
<td>52</td>
<td>Groups of three up to 10</td>
<td>110</td>
</tr>
<tr>
<td>53</td>
<td>Repeated addition of threes to 10</td>
<td>112</td>
</tr>
<tr>
<td>54</td>
<td>Groups of four up to 10</td>
<td>114</td>
</tr>
<tr>
<td>55</td>
<td>Repeated addition of fours up to 10</td>
<td>116</td>
</tr>
<tr>
<td>56</td>
<td>Groups of five up to 10</td>
<td>118</td>
</tr>
<tr>
<td>57</td>
<td>Repeated addition of fives up to 10</td>
<td>120</td>
</tr>
<tr>
<td>58</td>
<td>Five patterns to 20</td>
<td>122</td>
</tr>
<tr>
<td>59</td>
<td>Tens patterns</td>
<td>124</td>
</tr>
<tr>
<td>60a</td>
<td>Numbers and money</td>
<td>126</td>
</tr>
<tr>
<td>60b</td>
<td>Numbers and money (continued)</td>
<td>128</td>
</tr>
<tr>
<td>61</td>
<td>Money and change</td>
<td>130</td>
</tr>
<tr>
<td>62</td>
<td>More money and change</td>
<td>132</td>
</tr>
<tr>
<td>63</td>
<td>Shape, orientation and position</td>
<td>134</td>
</tr>
<tr>
<td>64a</td>
<td>Patterns with geometric shapes</td>
<td>136</td>
</tr>
<tr>
<td>64b</td>
<td>2-D shapes and 3-D objects</td>
<td>138</td>
</tr>
</tbody>
</table>
Revision: Tracking and matching

Help the girl to find all her toys.
Revision: Sorting colours and tracing patterns

Place the shapes, according to their colours, into the boxes. Each row must be the same colour as the first shape. We have done the red shapes as an example for you. Say what colour each shape is. Use cut-outs at the back of the book.

<p>| | | |</p>
<table>
<thead>
<tr>
<th></th>
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</thead>
<tbody>
<tr>
<td>![Red Circle]</td>
<td>![Red Square]</td>
<td>![Red Triangle]</td>
</tr>
<tr>
<td>![Yellow Circle]</td>
<td></td>
<td></td>
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<tr>
<td>![Green Circle]</td>
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<td></td>
</tr>
<tr>
<td>![Blue Circle]</td>
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</tbody>
</table>
Patterns

Trace the dotted lines to complete the pattern on the whale.
Revision: Colours and patterns

Draw a line to match the clothes that have the same colour.
First trace the broken line patterns using your finger and then with your crayon or pencil. Then copy the smaller patterns started at the left. The first pattern will always guide you.
Revision: Sorting and matching shapes

1. Use your cut-out circles from the back of the workbook and place them in these spaces.

2. Use your cut-out squares and place them in these spaces.
Find your cut-out triangles and put them in these spaces.

Use your cut-out rectangles and place them in these spaces.
Revision: Find and count

Look at these pictures of animals.
Then count the number of each different kind of animal and draw the same number of dots in the correct block on the next page.
We have done the one for the cats for you.
Revision: Positions

Circle the animal in the row to show that it is in the same position as the green coloured block in the row. We have done the first one for you to see.

Circle the animal in this position in the row below.

Circle the animal in this position in the row below.

Circle the animal in this position in the row below.
First trace the patterns using your finger and then with your crayon or pencil. The first pattern in the row will always guide you.
Revision: Time

Look at the pictures and say what takes a longer time (✓) and what takes a shorter time (✗). Tick (✓) what takes a longer time. Cross (✗) what takes a shorter time.

Walking to school. ✓

Driving to school. ✗

Making a sandwich. ✓

Making a cake. ✗

Working at school. ✓

Playing a game of soccer. ✗

Painting a house. ✓

Painting a picture. ✗
First trace the patterns using your finger and then with your crayon or pencil. The first pattern in the row will always guide you.
Revision: Shapes, sizes and colours

Circle the object in each picture that is the biggest.
Colours

Circle those things that are the same colour as the paint in the first box.
Count the objects in the picture. Trace the number name.

one bee
one girl
one hut
one ball

Trace the number.

Match the pictures.
Colour in 1 shape or object in each block.

Copy and draw 1 more.

Practise the number.

Colour the circles as you count.

one

1 2

1 1 1 1
Two

Count the objects in the picture. Trace the number name.

two trees

two boys

two kites

two dogs

Trace the number.

Match the pictures.

2 2 2 2
2 2 2 2
2 2 2 2
2 2 2 2
2 2 2 2

two trees

two boys

two kites

two dogs

2

2

2

2
Colour in 2 shapes or objects in each block.

Copy and draw 2 more.

Practise the number.

Colour the squares as you count.
Three ducks
three snails
three flowers
three worms

Count the objects in the picture. Trace the number name.

Trace the number.

Match the pictures.
Colour in 3.

Practise the number.

Copy and draw 3 more.

Colour the triangles as you count.
Tick (✓) the shortest train.

Tick (✓) the longest train.

Draw a train that is longer.
Colour the correct word. The short train is:

- in front
- on top
- behind

Draw a longer train.

- on top
- next to
- in front
Length

Circle the shorter object in each picture.

short long
Tick the correct answer.

Tick the tallest.

Tick the shortest pencil.

Tick the wider crayon.

Draw one building that is shorter and one that is taller than the one below.

Draw one river that is wider and one that is narrower than the one in the picture.
**Compare numbers 1 to 3**

1. Tick the blocks that have the same number of objects.

2. Tick the block or blocks that have more objects than the shaded block.
Copy and draw one more shape on the right-hand side.

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<tbody>
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</tbody>
</table>

Draw one less shape on the right-hand side.

<p>| | |</p>
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<tbody>
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Draw one less shape on the right-hand side.

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</tbody>
</table>

Trace the smallest of the three numbers.

<table>
<thead>
<tr>
<th>1</th>
<th>2</th>
<th>3</th>
</tr>
</thead>
</table>
Four

Count the objects in the picture. Trace the number name.

four cats
four ants
four leaves
four bugs

Trace the number.

Match the pictures.
Colour in 4 objects or shapes in each block.

Copy and draw 4 more shapes and colour them.

Practise the number.

Colour the diamond shapes as you count.
Add and subtract up to 4

Complete the following by making a drawing:

1. How many counters are left? Draw them.
2. Draw more counters to make 4.
3. Write a number sentence for:
   - 4 take away makes 3
   - take away makes
   - take away makes

Add and subtract up to 4
Add these and then fill in the answer.

<table>
<thead>
<tr>
<th>Item</th>
<th>Equation</th>
<th>Result</th>
</tr>
</thead>
<tbody>
<tr>
<td>1 and 2 makes</td>
<td>3</td>
<td></td>
</tr>
<tr>
<td>2 and 2 makes</td>
<td>3</td>
<td></td>
</tr>
<tr>
<td>3 and 1 makes</td>
<td>4</td>
<td></td>
</tr>
<tr>
<td>1 and 3 makes</td>
<td>4</td>
<td></td>
</tr>
<tr>
<td>2 and 2 makes</td>
<td>4</td>
<td></td>
</tr>
</tbody>
</table>
Time

Write the numbers 1 to 4 in the blocks to show the order in which a person grows.

Tick to say which one you would do fastest.

1 2 3 4 1 2 3 4
Draw something:

a. you did yesterday

b. you did today

c. you will do tomorrow
Five

Count the objects in the picture. Trace the number name.

five teddies
five sweets
five stars
five stripes

Trace the number.

Match the pictures.

Five
Colour in 5 in each block.

Copy and draw 5 more.

Practise the number.

Colour the ovals as you count.
### Revise numbers 1 to 5

Practise writing number symbols 1 to 5.

<table>
<thead>
<tr>
<th></th>
<th>1</th>
<th>2</th>
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<th>4</th>
<th>5</th>
<th>6</th>
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<td><img src="image48.jpg" alt="Images" /></td>
<td><img src="image49.jpg" alt="Images" /></td>
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</tbody>
</table>

Count the objects and circle the correct number symbol.
Trace the word for each of the numbers.

<table>
<thead>
<tr>
<th>Fruit</th>
<th>Number</th>
<th>Word</th>
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</thead>
<tbody>
<tr>
<td>Apple</td>
<td>1</td>
<td>one</td>
</tr>
<tr>
<td>Pineapple</td>
<td>2</td>
<td>two</td>
</tr>
<tr>
<td>Pears</td>
<td>3</td>
<td>three</td>
</tr>
<tr>
<td>Peaches</td>
<td>4</td>
<td>four</td>
</tr>
<tr>
<td>Gingers</td>
<td>5</td>
<td>five</td>
</tr>
</tbody>
</table>
Add up to 5

Add to the beads by drawing more.

Draw one more.

Draw two more.

Draw three more.

Count and add these and then fill in the answer.

2 and 2 makes 4

2 and 1 makes

3 and 2 makes

2 and 3 makes
Draw more triangles. What do you notice?

<table>
<thead>
<tr>
<th>Drawn Triangles</th>
<th>1 more</th>
<th>Drawn Triangles</th>
<th>2 more</th>
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</thead>
<tbody>
<tr>
<td>🟩🟩🟩</td>
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</tbody>
</table>

Draw the answer and then write a sum for:

3 and 2 gives 5

3 and 3 gives

1 and 4 gives

and 4 gives
Subtract from 5 and add up to 5

Draw less.

<table>
<thead>
<tr>
<th>1 less</th>
<th>2 less</th>
<th>3 less</th>
<th>4 less</th>
</tr>
</thead>
<tbody>
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<td><img src="image3.png" alt="Triangles" /></td>
<td><img src="image4.png" alt="Triangles" /></td>
</tr>
</tbody>
</table>

Write a sum for:

5 take away 1 is 4
5 take away 2
5 take away 3

Subtract by counting back.

5 take away 3

5 take away 2
Add by counting on.

2 add 3

1 add 4

Show the sum on the number line.

5 take away 2

5 take away 4
Add and subtract up to 5

Complete the following:

Term 1

1. Acorns and give me
2. Fish and give me
3. Roses and give me

Term 2

4. Umbrellas and give me
5. Socks and give me
6. Pencils and give me
Draw more apples to make 5.

How many beads are left? Draw them.

Word problems.
Your teacher/parent will read this to you and you need to make a drawing to solve it.

Lisa had two pears. Musa gave her one pear. How many pears does she have now?

Lisa had four pears. Musa gave two pears to Lisa. How many pears does she have now?
Addition and subtraction 1 to 5

Colour the beads to show:

- 2 and 3 is 5
- 3 and 2 is 5
- 1 and 4 is 5
- 4 and 1 is 5

Cross out the beads to show:

- 5 take away 2 is 3
- 5 take away 3 is 2
- 5 take away 1 is 4
- 5 take away 4 is 1
Colour the beads. Help the frog to show it on the number line.

- 2 and 3 is
- 3 and 2 is
- 1 and 4 is
- 4 and 1 is

Cross out the beads you take away and show it on the number line.

- 5 take away 3
- 5 take away 2
- 5 take away 1
- 5 take away 4
Balls and boxes

Which of these pictures look like boxes?
Mark the square.

Which of these pictures look like balls?
Mark the circle.
Colour all the:
- small boxes and balls red
- big boxes and balls blue

Trace the words.

box
ball
The tree is on his \_
The car is on his \_
The house is on his \_
The bird is on his \_
The nest is on his \_

The dog is on his \_
The sheep is on his \_
The hut is on his \_
The school is on his \_
The flower is on his \_
Circle his right hand. Circle his right foot. Stand like the boy and show your right hand.

Circle her right hand. Circle her left foot. Stand like the girl and show your left hand.

Count and write the number of dots in each box.

Right: 3
Left:
Help the rabbit find the carrots. Should it turn left or right?
Colour the correct word that matches the arrow.

<p>| | | | |</p>
<table>
<thead>
<tr>
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<tbody>
<tr>
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<td>left</td>
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<tr>
<td><strong>↓</strong></td>
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<tr>
<td><strong>→</strong></td>
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<tr>
<td><strong>←</strong></td>
<td>above</td>
<td>left</td>
<td>below</td>
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</tbody>
</table>

Circle the correct arrow that matches the first one in the row.

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</tbody>
</table>
Building up and breaking down numbers

Fill in the correct numbers in each block.

<p>| | | |</p>
<table>
<thead>
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<tbody>
<tr>
<td>2</td>
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<tr>
<td></td>
<td>is</td>
<td></td>
</tr>
</tbody>
</table>
Now try these.

- and and is
- and and is
- and and is
- and and is
- and and is
- and and is
Addition doubles

Double the dots on the wings.

Double the shapes.

Draw and then fill in the numbers.

Double is Double

Double 1 is

Double is
Draw and then fill in the numbers

Double △ is △ △
Double 1 is 2
1 plus 1 is

Double ● ● is ● ●
Double □ □ is □ □

Show the following on the number lines.

Double 1 is

Double 2 is
Bigger and smaller

- Put a circle around the biggest animal and
- Draw a square around the smallest animal in each box.

biggest smallest
big small

biggest smallest
Draw a bigger ball. Draw a smaller ball.

Draw a smaller box. Draw a bigger box.

Colour the smallest box and ball.

Colour the biggest ball and box.
Sort objects

Match the sorted objects with the picture.

Sort by making a drawing of each.
Count the number of different shapes in the block. Then draw and colour in the same number of shapes in the picture graph and write the number of each at the bottom.
Let us share equally

Count the oranges, bananas and apples and write the numbers in the blocks.

4 oranges  
bananas  
apples

Share the fruit you counted equally between two children. Draw the fruit each child gets.
Share the objects between the two boxes. Draw the two groups in the separate boxes.

\[ 4 = 2 + 2 \]

\[ \quad = \quad + \quad \]

\[ \quad = \quad + \quad \]

\[ \quad = \quad + \quad \]
Sharing and grouping

Circle the fruit and animals to share them equally.

How many bananas did each monkey get? 3

How many apples did each monkey get?

Were there any apples left over after sharing them equally?

How many carrots did each rabbit get?

How many carrots did each rabbit get?

Were there any carrots left over after sharing them equally?
Group the counters into two equal groups and put a cross on the remaining counters.

Put the counters into 3 equal groups and put a cross on the remaining counters.
Building objects

Can you build a tower with all the following objects? Tick yes or no.

Yes  No

Yes  No

Yes  No
Will the tower stand or not? Put a ✓ or a ✗.

Use ten matchboxes and glue to make your own building. Does glue make it easier?
<table>
<thead>
<tr>
<th>Term 1</th>
<th>Trace the months of the year. Colour in your birthday month balloon.</th>
</tr>
</thead>
<tbody>
<tr>
<td>January</td>
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<td>February</td>
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<td>March</td>
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<td>October</td>
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<tr>
<td>November</td>
<td></td>
</tr>
<tr>
<td>December</td>
<td></td>
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</tbody>
</table>
Trace the days of the week.
Colour in the block for the day it is today.

Monday
Tuesday
Wednesday
Thursday
Friday
Saturday
Sunday
Term 2

1. Draw 6 circles in the block.

2. Trace the number.

3. Match the pictures.

- Trace the number 6.
- Match the pictures of 6.
Colour in 6 circles.

Copy and draw 6 more.

Practise the number.

Colour the circles as you count.
Seven

Term 2

1. Draw 7 squares in the block.

2. Trace the number.

3. Match the pictures.

- Seven
- Seven
- Seven
- Seven
- Seven
- Seven
- Seven
- Seven
- Seven
- Seven
Colour in 7 rectangles and 7 blocks.

Copy and draw 7 more.

Practise the number.

Colour the squares as you count.
Eight

1. Draw 8 shapes in the block.

2. Trace the number.

3. Match the pictures.
Colour in 8 stars.

Copy and draw 8 more.

Practise the number.

Colour the circles as you count.
Term 2

Draw 9 hearts in the block.

Trace the number.

Match the pictures.
Colour in 9 balloons.

Copy and draw 9 more.

Practise the number.

Colour the triangles as you count.
Full or empty

Colour in the correct answer.
Are the containers full or empty?
Colour in the correct answer. Are the containers full or empty?

empty  full

empty  full

empty  full

empty  full

empty  full

empty  full

empty  full

empty  full
Count the fingers on both your hands.

Trace the number.

Match the pictures.
Colour in 10 fruit.

Copy and draw 10 more.

Practise the number.

Colour the rectangles as you count.
Use your fingers to make these numbers. Then copy the numbers.

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<td></td>
<td>10</td>
</tr>
</tbody>
</table>
Writing numbers 6 to 10

Practise writing these numbers.

6 six  6 6 6 6

7 seven  7 7

8 eight  8 8

9 nine  9 9

10 ten  10 10
Capacity and volume

1. Draw more water in the container on the right.

2. Tick which container holds more.

3. Tick which container holds less.
Circle more than, less than or the same as.

The blue glass has more than the red glass.

The blue glass has less than the red glass.

The blue glass has the same as the red glass.

more than, less than, the same as
Number 1 to 10

In each block, circle the group with the fewest shapes.

Write the numbers from the smallest to the biggest on the number line.

Colour the smallest number green and the biggest number orange.

Solve the following. You can make drawings to help you.

One more than 5.  
Two more than 6.  
One less than 5.  
Two less than 7.
Fill in the missing numbers.
More, equal and less

Match the objects on the left with the objects on the right. Colour the correct answer.

- Butterflies
  - same
  - not the same

- Cats
  - same
  - not the same

- Flowers
  - same
  - not the same

- Snails
  - same
  - not the same
Say if the second block is more than, less than, or equal to, the first block.
Colour the correct answer.

1. More
2. Equal
3. Less
4. More
5. Equal
6. Less

Match the objects with the numbers.
Add these sweets and then fill in the answers.

2 + 3 = 5

3 + 4 =

Add the numbers.

5 + 1 = 6
5 + 0 =
3 + 2 =
4 + 3 =
Try these.

<table>
<thead>
<tr>
<th>Equation</th>
<th>Answer</th>
</tr>
</thead>
<tbody>
<tr>
<td>3 + 6 = 9</td>
<td>1 + 1 =</td>
</tr>
<tr>
<td>4 + 0 = 4</td>
<td>0 + 7 =</td>
</tr>
<tr>
<td>0 + 5 = 5</td>
<td>3 + 2 =</td>
</tr>
<tr>
<td>6 + 0 =</td>
<td>5 + 3 =</td>
</tr>
<tr>
<td>2 + 2 =</td>
<td>7 + 2 =</td>
</tr>
<tr>
<td>1 + 3 =</td>
<td>4 + 4 =</td>
</tr>
<tr>
<td>2 + 5 =</td>
<td>5 + 1 =</td>
</tr>
<tr>
<td>5 + 0 =</td>
<td>4 + 3 =</td>
</tr>
<tr>
<td>1 + 8 =</td>
<td>2 + 6 =</td>
</tr>
<tr>
<td>4 + 2 =</td>
<td>8 + 2 =</td>
</tr>
</tbody>
</table>
Collecting and organising

Sort and make a drawing of your sorted collections.
Sort the following leaves by making a drawing.

How many **yellow** leaves are there?

How many **orange** leaves are there?

How many **green** leaves are there?
Addition to 10: counting on

Draw a picture and write a number sentence for each.

Sarah has 3 sweets. Sipho has 2 sweets. How many sweets do they have altogether?

Let us count:

\[
\begin{array}{ccc}
3 & 4 & 5 \\
\end{array}
\]

\[ + = \]

I have 4 marbles and won 3 more marbles. How many marbles do I have?

Let us count:

\[
\begin{array}{cccc}
4 & 5 & 6 & 7 \\
\end{array}
\]

\[ + = \]

There were 5 butterflies. Two more joined them. How many butterflies are there?

Let us count:

\[
\begin{array}{cccc}
5 & 6 & 7 \\
\end{array}
\]

\[ - = \]
Fill in the numbers on the number line and then write a number sentence for each.

0 1 2 3 4 5 6 7 8 9 10

6 + 4 = __

____ + ____ = __

____ + ____ = __

____ + ____ = __
## Addition: building and breaking to 10

Colour to show the following.

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<tbody>
<tr>
<td>1 + 9</td>
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<td>2 + 8</td>
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<td></td>
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<tr>
<td>3 + 7</td>
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<tr>
<td>5 + 5</td>
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</tbody>
</table>

Write a sum for:

1. \[4 + 6 = \]
2. \[\square + \square = \]
3. \[\square + \square = \]
Use the numbers of flowers to make your own number sentence.

Write a sum for:

0 + 1 + 2 = 3
4 + 5 + 6 = 7
8 + 9 + 10 = 20

Teacher: 
Sign: 
Date:
### Doubling and halving

Answer the following.

<table>
<thead>
<tr>
<th>How many girls do you see?</th>
<th>How many girls do you see now?</th>
</tr>
</thead>
<tbody>
<tr>
<td><img src="image1.png" alt="Girl" /></td>
<td></td>
</tr>
<tr>
<td>Double 1 is 2. What if we halve the number of girls?</td>
<td></td>
</tr>
</tbody>
</table>

<table>
<thead>
<tr>
<th>How many feet do you see?</th>
<th>How many feet do you see now?</th>
</tr>
</thead>
<tbody>
<tr>
<td><img src="image2.png" alt="Feet" /></td>
<td></td>
</tr>
<tr>
<td>We say double 2 is 4. What will halve of 4 be?</td>
<td></td>
</tr>
</tbody>
</table>

<table>
<thead>
<tr>
<th>How many wheels do you see?</th>
<th>How many wheels do you see now?</th>
</tr>
</thead>
<tbody>
<tr>
<td><img src="image3.png" alt="Wheels" /></td>
<td></td>
</tr>
<tr>
<td>We say double 3 is 6. What will halve of 6 be?</td>
<td></td>
</tr>
</tbody>
</table>

<table>
<thead>
<tr>
<th>How many legs do you see?</th>
<th>How many legs do you see now?</th>
</tr>
</thead>
<tbody>
<tr>
<td><img src="image4.png" alt="Legs" /></td>
<td></td>
</tr>
<tr>
<td>We say double 4 is 8. What will halve of 8 be?</td>
<td></td>
</tr>
</tbody>
</table>
Solve the following by colouring. Write the sum.

I have 4 marbles and my friend has 4. How many marbles do we have altogether?
Colour the correct number of marbles.

How many fingers do you see?

How many fingers do you see now?

We say double 5 is 10. What will half of 10 be?

Answer the following.

Double 1 is [ ]
Double 2 is [ ]
Double 3 is [ ]

Double 4 is [ ]
Double 5 is [ ]

Half 2 is [ ]
Half 4 is [ ]
Half 6 is [ ]

Half 8 is [ ]
Half 10 is [ ]
Complete the shapes.

**Shapes**

- **square**
- **circle**
- **triangle**
- **rectangle**

Use the four shapes above to draw a picture. You can use the shapes more than once.
Use your cut-out shapes to form these pictures.
More 2-D shapes

Sort the shapes and make a drawing of your sorting.

Triangle

Circle

Square

How many triangles are there?

How many circles are there?

How many squares are there?
Find the shapes

Find the different shapes and then count them.

How many squares can you find?

How many circles can you find?

How many triangles can you find?

How many rectangles can you find?
Groups of two to 10

Answer the questions:

How many children do you see? 3
How many pairs of feet do you see? 6
Write a sum for the pairs of feet. $2 + 2 + 2 = 6$

Draw circles around the following to make:

- 2 groups of 2
- 4 groups of 2
Write a sum for the following:

5 groups of 2

3 groups of 2

2 + 2 =

...
Repeated addition of twos up to 10

How many legs are there? Write a sum for it.

2 + 2 + 2 = 6

Calculate and then make a drawing.

\[
\begin{array}{c}
2 + 2 + 2 = 4 \\
\end{array}
\]

\[
\begin{array}{c}
2 + 2 + 2 + 2 = 8 \\
\end{array}
\]
Write a sum for:

\[2 + 2 + 2 + 2 + 2 = \]

Count these numbers in twos and then colour the ones you counted.

1  2  3  4  5  6  7  8  9  10
Patterns: 2 to 20

Draw a line to match the missing number. We did the first one for you. Then complete two more hops.

- Complete the pattern by colouring the numbers.
Draw hops to show the following.

- 8 10 12 14
- 12 14 16 18
- 4 6 8 10

Teacher: [Sign]
Date: [Blank]
Groups of three up to 10

Answer the questions.

How many bananas do you count?  
How many groups are there?  
Write it as a number sentence.

Draw circles around the following to make:

- 2 groups of 3
- 3 groups of 3
Write a number sentence for the following:

4 groups of 3

1 group of 3

Draw 2 groups of 3.
Repeated addition of threes to 10

How many wheels are there? Write it as a sum.
Draw shapes to show the following.

\[
3 + 3 = \square
\]

\[
3 + 3 + 3 = \square
\]

Write a sum for:

How many flowers did I buy at the market?

Sum.
Groups of four up to 10

Count the shapes and write the number.

1. I saw the following animals in the zoo. How many legs did I see?
   Write a sum for each.

   4 + 4 = 8
Draw shapes around the following to make:

2 groups of 4

1 group of 4

2 groups of 4

1 group of 4

Write a sum for the following:

4 + 4 =
Repeated addition of fours up to 10

How many legs are there? Write a sum for each.

1. Cat + Cat = Cat + Cat = Cat + Cat =

2. Elephant + Elephant = Elephant + Elephant =

3. Frog + Frog = Frog + Frog =
Draw shapes to show the following.

\[4 + 4 = \]

Write a sum for:

Susan baked 4 cupcakes. Jane baked 4 cupcakes. How many cupcakes did they bake in total? Circle the correct number of cupcakes.

Sum.
Groups of five up to 10

Answer the questions.

How many toes do you see on each foot?

How many toes are there altogether?

Write it as a sum.

5 + 5 =

Draw circles around the following to make:

1 groups of 5

2 groups of 5
Write a sum for the following:

2 groups of 5

1 group of 5
Repeated addition of fives up to 10

How many fingers or toes are there?
Draw shapes to show the following.

\[ 5 + 5 = \]

Write a sum for:

\[ \text{How many toes do you have on each foot? How many toes do you have in total? Make a drawing.} \]

Sum:

\[ \]

\[ \text{How many fingers do you have on one hand? How many fingers do you have in total? Make a drawing.} \]

Sum:

\[ \]
Five patterns to 20

Draw a line to match the missing number. We did the first one for you. Complete the hops by tracing over it.

Complete the pattern by colouring the numbers.
Draw hops to show the following:

- 0, 5, 15, 20
- 20, 25, 30, 35
- 35, 40, 45, 50
Tens patterns

Fill in the missing numbers.

1. Draw 10 beads between the intervals and match the number to the correct block.

2. Complete the number line by copying the given numbers in the correct spaces.
Complete the number board by using the cut-out numbers.

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Use these cut out numbers from the back of the book:

- 20
- 40
- 10
- 60
- 90
- 80
- 50
- 30
- 100
- 70
Numbers and money

Match the amounts with the money.
Money: notes and coins

Circle the notes/coins that has the highest value.

<table>
<thead>
<tr>
<th>Notes/Coins</th>
<th>Value</th>
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<tbody>
<tr>
<td>R100</td>
<td>R50</td>
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<td>R100</td>
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<td>R100</td>
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</tbody>
</table>

Teacher: [Sign]
Date: [ ]
Numbers and money (continued)

Circle all the:

- 5c coins
- 10c coins
- 20c coins
- R10 notes
- R20 notes
Circle the coins in each row that will make 20c.

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Circle the notes in each row that will make R20.

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</table>
Money and change

Draw the coins that will give you a total of:

a. **10c**

b. **20c**

c. **15c**
Add the coins. Colour the correct answer.

I have the following in my piggy bank. What can I buy with it.
Draw or paste a picture in the block.
More money and change

1. Take one 5c coin away. How much do you have left?

2. How much is left?
How much is left? Match the following.

5c

20c

15c

10c
Shape, orientation and position

Find and circle the shape that has the same shape and orientation as the shape in the first box.

Circle the correct answers.

Which animal is in front of the elephant?

Which animal is behind the dog?

Which animal is between the zebra and the dog?

If the dog moves forward which animal will it bump into?

If the elephant moves backward which animal will it bump into?

Which animal is in the middle of the row?

Which animal is first in line?

Which animal is last in line?
Extend the pattern with one more shape.

Circle the correct answers.

Patterns with geometric shapes

Term 2
2-D shapes and 3-D objects

Circle the bodies.

Circle this in red.
Circle this in blue.
Circle this in green.

Colour the squares red.
Colour the circles blue.
Colour the triangles green.

Colour the boxes yellow.
Colour the balls purple.
Colour the pyramids orange.

Colour the shapes.

139138
Shapes:
Cut out the shapes on the dotted lines. Now use them to do the worksheets in your book. Remember to keep them safe so that you can use them over and over again.
Make a dice:
Cut the dice out on the black outer line and fold on the white dotted lines. Glue the flaps to the inside of the dice.

The game:
Play together. If you are two you will have 2 dice. Throw the dice and take turns to add up the numbers. The more kids playing together the trickier it will get.
Use these cut outs numbers to complete the number board.

20  
40  
10  
60  
90  
80  
50  
30  
100  
70