Numeracy and Mathematics Learning Pack

Name __________________
Be proud of yourself!

You have been working on lots of different maths skills. Think about the moments when you have been really proud of yourself and write about them below.

You can be proud of yourself for many reasons. Maybe:
- you thought you couldn't do something but you worked hard and practised until you could
- you helped others to develop their skills and explained things they found difficult
- you worked hard at a really challenging puzzle or investigation and didn't give up until you solved it
- you made mistakes but you learned from them and it helped you to understand.
Which shop?

Sam wants to buy three items online. Work out the price, including delivery, that he would pay at each of these online stores.

1. Hilldales

- Camera: £199
- 10gb: £74
- AA batteries: £4.99

Cost of all 3 items = £
Delivery £4.75
Total cost = £

2. Hanleys

- Camera: £195
- 10gb: £78
- AA batteries: £6.99

Cost of all 3 items = £
Delivery £5.49
Total cost = £

3. Murrys

- Camera: £207
- 10gb: £66
- AA batteries: £7.25

Cost of all 3 items = £
Delivery free
Total cost = £

4. Plan how he can buy the three items more cheaply by buying from more than one shop. Don’t forget delivery charges. Write your answer on the back of this sheet.

I can work out costs and decide which is cheaper

Money and finance: Understanding and explaining
Your dream project
What would your dream enterprise project be?
What would your business do or sell?
Imagine you could run any type of enterprise and think about how you would make a good profit.
Imagine that a reporter was writing about your enterprise for a newspaper article. Write about it here, describing how your enterprise works.

Local hero runs successful enterprise!

What would your business need to get it started? Write answers on the back of this sheet.

I can describe how an enterprise project would work

Money and finance: Applying and using
Bar graphs
Complete the bar graph using the values in the table.

How we come to school

<table>
<thead>
<tr>
<th>Transport</th>
<th>bike</th>
<th>foot</th>
<th>car</th>
<th>bus</th>
<th>coach</th>
<th>other</th>
</tr>
</thead>
<tbody>
<tr>
<td>Number of children</td>
<td>18</td>
<td>26</td>
<td>15</td>
<td>9</td>
<td>7</td>
<td>14</td>
</tr>
</tbody>
</table>

Write about the graph on the back of this sheet.

I can use the scale to help me construct a bar graph

Information handling: Experiencing
Minute hand

Draw the minute hand on each clock. The first one has been done for you.

1. 4:43
2. 3:36
3. 6:08
4. 7:52
5. 10:43
6. 5:17
7. 9:29
8. 1:03
9. 2:13
10. 12:28
11. 11:46
12. 8:57

I can tell any time on 12 hour clocks

Time: Experiencing
Perimeters of rectangles

Estimate the perimeter of each rectangle in millimetres. Measure each side with a ruler and calculate the perimeter. Write the difference in millimetres between your estimate and the actual perimeter.

1. Estimate: __________ mm
   Actual: __________ mm
   Difference: __________ mm

2. Estimate: __________ mm
   Actual: __________ mm
   Difference: __________ mm

3. Estimate: __________ mm
   Actual: __________ mm
   Difference: __________ mm

4. Estimate: __________ mm
   Actual: __________ mm
   Difference: __________ mm

5. Estimate: __________ mm
   Actual: __________ mm
   Difference: __________ mm

6. Estimate: __________ mm
   Actual: __________ mm
   Difference: __________ mm

7. Draw a rectangle on the back of this sheet. Make sure its perimeter is 20 cm.

I can estimate and measure the perimeters of rectangles

Measure: Understanding and explaining