



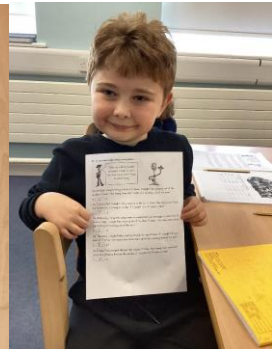
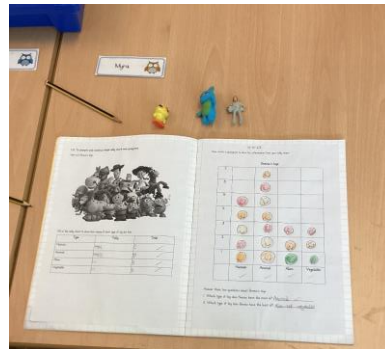
Maths in the Movies at Morland



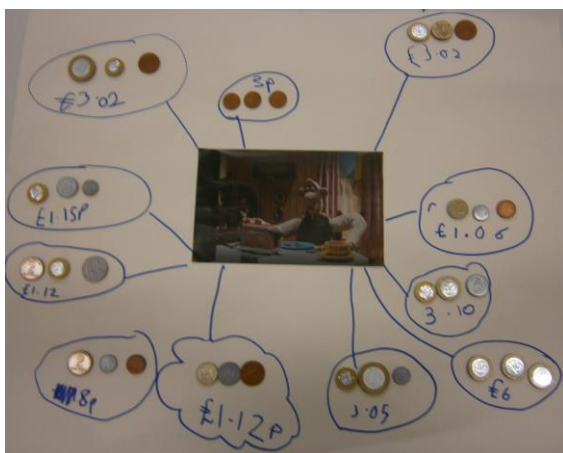
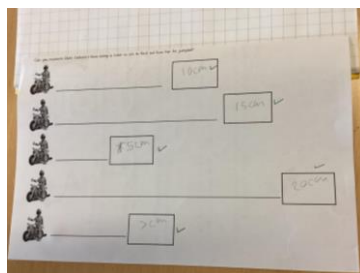
The nursery children looked for shapes and patterns in Toy Story.



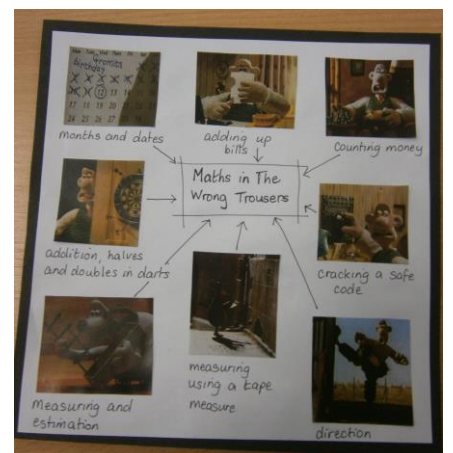
Year 1 sorted the characters from Toy Story into groups.



Year 2 found there was measuring, tally charts and lots of word problems in Toy Story 4



Year 3 explored all of the different opportunities Wallace had to use his maths skills in The Wrong Trousers.



Year 4 - To use inverse operations to check answers to a calculation

I have done some calculations to show how many times I escaped, but I'm not sure whether my answers are correct. Can you use the inverse to check if my answers are correct?

- $362 + 215 = 577$ Inverse: $577 - 215 = 362$
Is Forky correct? Yes/No ✓
- $1256 + 1489 = 2740$ Inverse: $2740 - 1489 = 1251$
Is Forky correct? Yes/No ✓
- $2478 + 1325 = 3801$ Inverse: $3801 - 1325 = 2476$
Is Forky correct? Yes/No ✓
- $856 + 567 = 1423$ Inverse: $1423 - 567 = 856$
Is Forky correct? Yes/No ✓
- $6541 + 2751 = 9292$ Inverse: $9292 - 2751 = 6541$
Is Forky correct? Yes/No ✓
- $1875 + 6239 = 8110$ Inverse: $8110 - 6239 = 1871$
Is Forky correct? Yes/No ✓
- $928 + 657 = 1585$ Inverse: $1585 - 657 = 928$
Is Forky correct? Yes/No ✓

Year 4 - To interpret and present data on a bar graph

Bonnie has created a table to show how many times she plays with each of her toys. Complete the bar chart to show this information.

Toy	Woody	Jessie	Buzz	Rex	Forky
Number of times played with	28	36	32	15	59

Answer these two questions about the bar chart you have created.

- Bonnie played with Jessie 8 more times than Woody.
- Bonnie played with Buzz 17 less times than Forky.

Bonnie played with woody more times
than Rex

Year 4 - To measure and calculate perimeter in centimetres

I have made some different shapes on my motorbike. Measure the length of each side (write it next to each side on the shape) and then calculate the perimeter of each shape.

5cm
5cm
5cm

Perimeter = 20cm ✓

3cm 10cm
10cm 3cm

Perimeter = 26cm ✓

6cm
4cm
5cm

Perimeter = 15cm ✓

3cm 3cm
2cm 2cm
3cm

Perimeter = 13cm ✓



Year 4 watched Toy Story 4 and found so many different opportunities for maths including data handling and perimeter of shape.

Year 6 watched Wall-e and investigated area and perimeter outside. Also, they drew their own 2D robots and started to create nets to make the robots.

