

MATHS in the museum

SUMMERLEE MATHS TRAIL

Primary 2 & 3

You will find the answers to each question around the museum. Use the pictures to help you find each location. Look for the answers to questions 1-3 in the main exhibition hall.



1. Estimate the length of Gibby the steam engine by measuring with your feet. Do you think this an accurate way to measure?

2. Look closely at the wall of workers display. How many workers can you see in the photos?

Is it greater or less than 100?



3. Visit the Co-operative shop. In the olden days you did not need to pay for your shopping at the time, but you could be invoiced (billed) once a month. How much will your bill be if you buy an iron and one tin of Bisto? Use the price list below to calculate the amount.

Bisto 50p

Oxo cubes 20p

Iron £1.00

Socks 20p

Move outside to answer the rest of the questions.

4. Find this large rail steam crane near the main entrance. What year was it made?

5. Can you find the Summerlee post box near the tram stop? What time is the post collected on a Sunday?





6. Look at the main café entrance. How many windows are there? What shapes are they?



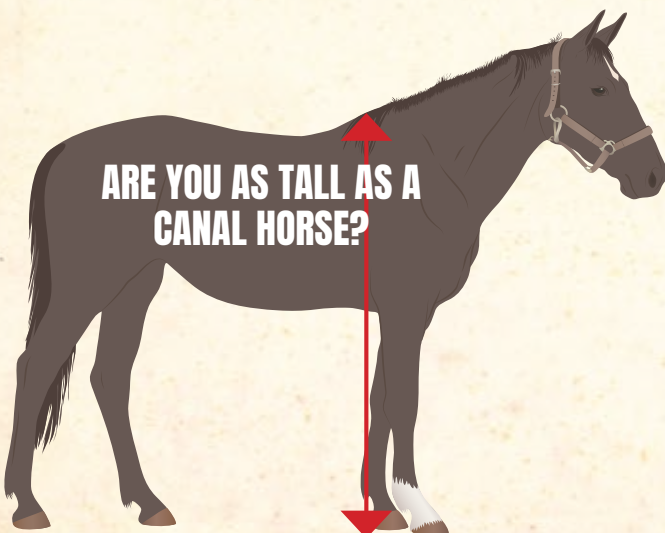
7. There are a lot of machines in the engineering pavilion. Use the ruler on your trail sheet to measure some of the machines. Which one is longest / tallest / widest?



8. Explore inside the woodshed and see how many 2D or 3D shapes you can find. Can you name or draw the shapes in the space provided?



9. At the miner's row cottages, can you work out which houses in the street have an odd number?



10. Finally, don't forget to visit the canal and measure your height next to the canal pony.

My height is: