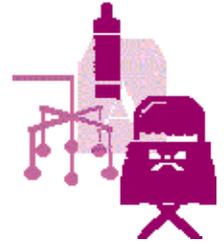


Key Skills – Application of Number L1

Research and cost-up a nursery room

Draw up a list of essential items needed for a baby room in a nursery setting. Consider furniture, bedding, feeding and safety equipment. Write a sentence to explain your list.



Choose 2 shops, (1 internet, 1 catalogue) and create a chart showing 2 lists of prices. You will need to collect evidence of your research.

Now add up the total for each list. Show all your working out.

Work out the difference in cost between the 2 shops by doing a subtraction sum.

Calculations (N1.2)

Select 5 items from each list (10 in total) and produce a bar chart to show a comparison in price. Give the graph a title and answer the following questions:

1. What was the most expensive item and where was it from?
2. What was the cheapest item and where was it from?

Choose 1 of the lists and using the total amount, work out what:

- 50% would be
- 25% would be
- $\frac{1}{2}$ would be
- $\frac{1}{4}$ would be

Work out the Range for each list.

Pick out the most important safety item from your list. Use a catalogue and the internet to compare the cost and work out the mean average. Use 10 prices.

Select an item, e.g. cot, and work out the difference in price. Do the same again with another item. Check your answers on a calculator and note down that you have done this.

Look at feeding equipment in Argos or Mothercare and work out how much it would cost to buy 2 sets. Use multiplication to work it out.

Look at bedding and work out how much it would cost to buy 2 sets.

Draw a rough diagram of a nursery (N1.3).

Include doors, windows and basic equipment.

Then draw a scale diagram of your nursery, using graph paper and based on a room measuring 3m by 2m. Work out the area and perimeter of the room.