

What you need to know:

Planning a meal

1. Decide how many people the meal is for and how many courses are to be served
2. Find recipes that are of an appropriate level of difficulty. **Consider any dietary requirements.**
3. Make a list of ingredients you will need. Look at the quantities required and work out the best options for your situation. Leave room for extra portions.
4. Find the prices of your ingredients.
5. Work out the price of the whole meal per person. **If you decide to buy ready made meals, pay attention to number of servings per pack.**

Working out the prices per person: $\text{Price pp} = \frac{\text{total cost (step 4)}}{\text{number of people (step 1)}}$

Creating a Maths game for children

What you need to consider when creating a game for children:

- What age group is the game for?
- What are the rules of the game?
- How attractive is the game for children? (colourful, simple, accessible)
- Does the game work?

Converting currency

Use the following formula:

$$x = \frac{\text{current currency}}{\text{exchange rate}}$$

current currency – UK pound (£)

exchange rate – any other currency (US Dollar, euro etc.)

x – the amount in £

Investigating prices of cars

- Choose a make and model of a car you would like to find out prices of (pick one that has a 5-years old version);
- Make a note of the prices and work out the differences;
- Express the price differences as percentages.

Price difference (£) = price of newer car – price of older car

$$\% = \frac{\text{price difference}}{\text{price of older car}} \times 100$$

Vocabulary

Meal course – set of food items served together during a meal, all at the same time

Dietary requirements – regulated food allowance (vegan, vegetarian, halal, kosher etc)

Serving – a quantity of food that is suitable for one person

Investigate – carry out a research or a study into a subject or problem

Currency – a system of money used in one particular country

Exchange rate – the value of one currency for the purpose of conversion to another

Depreciation – a reduction in the value of an asset over time, in particular due to wear and tear

Predict – make an educated guess, estimate something that will happen in the future