



Lesson 4 Bert's Shopping Challenge Calculator

You will need:

- Bert's Shopping Online Calculator
- **RESOURCE 4.1**
Pension Factsheet
- Access to computers and the internet
- **RESOURCE 4.2**
Make a Meal of it sheets
(several per child)

Lesson Outcomes

Children will explore how to spend money within a set budget and what constitutes value for money. Children will start to consider some of the considerations involved in shopping choices such as healthy choices, treat and necessities.

The Activity

Using the pension factsheet find out how much pension Bert and Ada get per week.

Ask children to discuss what kind of budget might be suitable for a weekly shop (bearing in mind that Bert and Ada will still need money for other things).

Calculate this as a proportion / percentage of the pension.

Working as a class, with the online calculator projected onto the interactive whiteboard, or in pairs at computers, look at the shop and discuss the criteria for 'essential' and apply to the items in the shop

(you can use copies of the "Make a meal of it" sheet to mark and record these - or use the sheet on the board).

Use the chosen budget amount as the starting point and choose a week's shopping, comparing brand and non-brand, essentials and treats until they have a shopping basket within the budget.

Children create and price a healthy meal based on the food triangle.

Extend: Numeracy

Set different budget allowances/ limits for groups/pairs and ask the pupils to record their results on the tally/shopping lists provided, adding the total cost.

Explore the data, identifying 'most essential' 'most popular' items shopped for.

Tally the items and then display as a bar chart.

Working in pairs, set challenges for mental calculation with one child selecting items so that the price is displayed in the price checker and mentally added to the previous choice before it is placed in the basket. Use the checkout to check answers.

Create set meals for two (or use the ones suggested below) and ask half the children to calculate how much it would cost to buy the ingredients and make the meal.

- Pasta with sausage and tomato sauce
- Spicy chicken with potato wedges and beans
- Cheese omelette with bread and butter

Meanwhile, the other half imagine they work in the local cafe and draw pictures of the meals for a menu and decide on a realistic price for the meal (e.g.: £4.50 per person).

Compare the cost of home made meal for two to cafe meal for two.

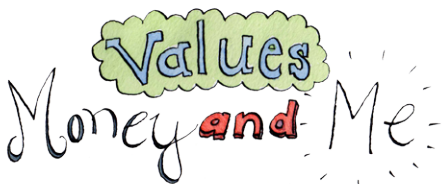
How many meals could Bert and Ada buy in the cafe for the same money it costs to make the meals?

Extend: Literacy/ICT/D&T

Write a letter to Bert explaining that when you pay for branded products they may not be better but they may be more expensive - you are paying for the adverts in many cases.

Devise a menu of cheap nourishing meals for one week using the shopping available in the shop. (You can use one ingredient in more than one meal.)

Create an attractive, illustrated menu for Bert and Ada.



A state pension is a weekly sum of money paid by the Government to people once they reach an age when they are not expected to have a job anymore, if they can't or don't want to work. This is called retirement from work.

Where does the money come from?

When people go to work and earn money they pay an amount every month called National Insurance. This and other money made from taxes is kept in a fund by the government and is used to help people who have reached retirement age. This money is then used for pensions. The pension that Bert gets is being paid for by people who are still working and paying tax and National Insurance out of their earnings.

This is how we all work together as a society to help each other when we need it. When the people who are still working retire, they will get a pension too.

The retirement from work age used to be 60 for women and 65 for men. Now men and women are treated equally and there are also more old people than there used to be, and we are all living longer, the age we retire has been changed.

If you are a boy or girl under 20 years old you will start getting a state pension when you are 68 years old, or perhaps even older.

You can find out more about pensions and calculate your pension age by visiting:

pensions.direct.gov.uk/en/state-pension-age-calculator/home.asp

The Government decide how much the pension will be. See if you can find out what it is this year at:

www.direct.gov.uk/en/Pensionsandretirementplanning/StatePension/DG_188551



MAKE A MEAL OF IT!



Meal idea

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