

Aim/context

To think about ethical issues when buying items.
To be able to solve 1 and 2 step calculations.
To develop their skills in reading and using weight measurements and to record money values using £ and decimal points correctly.

Level 1 - Age group year 3/4

This game will ask the children to buy 1 or 2 items from the Eco Farm shop and work out how much change they will receive from an amount of money.

Skills

Mathematics

I can solve simple measure and money problems

Financial education

I know that the choices I make about spending and saving my money can be influenced by and have an impact on other people (e.g. considering the ethical dimension)

Scottish Curriculum Ref: MNU 2-11b

Teacher tips

Previous knowledge needed:

- Talk about their experiences of visiting a farm.
- Discuss free range and organic produce.
- To have experience of recording money values using £ and a decimal point.
- To have experience of reading weight measurements.

Key questions/prompts

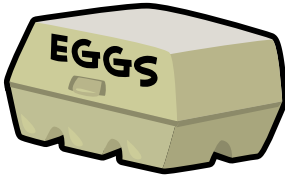
Using the Eco Farm **Shop Price List**, ask the children questions about the price list, e.g:- How much do 6 eggs cost? How much would 500g of sausages cost? Repeat this style of questioning until the children are confident in using the price list.

Start with £10 and model buying 1 item from the shop and how to work out the change from £10.

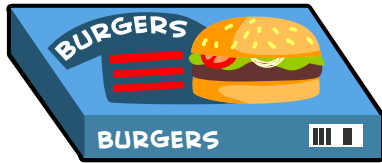
- Ask a member of the class to pick something to buy from the shop with £10. Then ask them to work out how much change they will receive. Ask the other children to check their answer and address any misconceptions.
- Repeat this type of question until the children are confident in giving change from £10.

Group activity ideas

- Using **Shopping List 1**, the children must work out how much change they will get from £10 when buying 1 or 2 items from the shop.
- Collect a selection of egg boxes and put different prices on the boxes and the children place the boxes in price order from the lowest to the highest.
- Make bread, weighing out the ingredients.
- Set up a farm shop and give each group member £10 to buy 1 or 2 items in the shop and the shopkeeper must give the customer the right change. Swap roles.



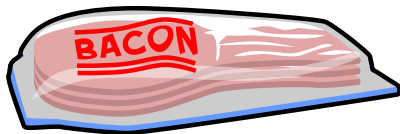
Free range eggs - £2 for 6



Burgers - £2.20 per 250g



Sausages - £4.50 per 500g



Bacon - £20 per kilo



Marmalade - £2.95 (340g)











Honey - £3.99 (340g)









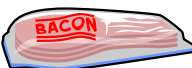

Bread Flour - £1.50 per kg



Organic Coffee - £3.50 per 250g

 Free range eggs - £2 for 6	 Marmalade - £2.95 (340g)
 Burgers - £2.20 per 250g	 Honey - £3.99 (340g)
 Sausages - £4.50 per 500g	 Bread Flour - £1.50 per kg
 Bacon - £20 per kilo	 Organic Coffee - £3.50 per 250g

Shopping List	Total cost	Change from £10.00
500g of sausages 250g of burgers		
6 eggs 340g honey		
1kg of bread flour 250g organic coffee		
340g of honey 340g of marmalade		
12 eggs 2kg of bread flour		
250g bacon 250g sausages		
500g of burgers 3 eggs		
125g of burgers 4kg of bread flour		

 Free range eggs - £2 for 6	 Marmalade - £2.95 (340g)
 Burgers - £2.20 per 250g	 Honey - £3.99 (340g)
 Sausages - £4.50 per 500g	 Bread Flour - £1.50 per kg
 Bacon - £20 per kilo	 Organic Coffee - £3.50 per 250g

Shopping List	Total cost	Change from £10.00
500g of sausages 250g of burgers	£6.70	£3.30
6 eggs 340g honey	£5.99	£4.01
1kg of bread flour 250g organic coffee	£5.00	£5.00
340g of honey 340g of marmalade	£6.94	£3.06
12 eggs 2kg of bread flour	£7.00	£3.00
250g bacon 250g sausages	£7.25	£2.75
500g of burgers 3 eggs	£5.40	£4.60
125g of burgers 4kg of bread flour	£7.10	£2.90