

Sharing a chocolate bar: fair shares?

An activity exploring the income received by different groups in the chocolate producing and trading process

Relevant elements of the Y3 NNS Teaching Programme p14-15

Suggested focus for this activity in italics

- *Count on in steps of 3, from any small number to at least 50, then back again*
- *Begin to know the 3 times table*
- *Understand division as grouping (repeated subtraction)*
- Recognise that division is the inverse of multiplication
- *Solve word problems involving numbers in 'real life', money and measures*
- Explain methods and reasoning orally and, where appropriate, in writing

Educational aims of the chocolate bar activity

- ✓ To learn about the 'journey' of a common popular food and the important role played by each link in the journey
- ✓ To enable children to identify the connections between their own lives and those of people and communities in other parts of the world
- ✓ To help children identify unfairness in the trading system and how little some third world producers receive for their work; to know how *Fairtrade* can contribute to a better deal for third world producers
- ✓ To present a reasoned case for decisions taken
- ✓ To equip children with the knowledge and understanding to empower them to take positive actions which ensure greater social justice
- ✓ To instil in children a belief that individuals can make a difference

Many of the aims above are based on the Oxfam Curriculum for Global Citizenship, available from Oxfam Education, 274 Banbury Road, Oxford, OX2 7DZ

Suggested lesson structure

Preparation before numeracy hour

Before the numeracy hour children should be introduced to the 'journey' of chocolate and understand the groups involved in trading cocoa and making chocolate. Children should consider and discuss who they think works the hardest. Further information on the life of a cocoa grower can be found in **Akasuwa's story**, *Fairtrade* literacy Year 3 & 4.

Mental or oral work

The lesson could begin by reinforcing counting in steps of 3 through a game of 'buzz'. Children in a round go through the numbers beginning at 1 and each time they get to a multiple of 3 they say 'buzz'.

The main activity

It is suggested that the class is introduced to a large visual representation of a bar of *Chunky Delight*, i.e. a 12 chunk chocolate bar. A simpler problem e.g. 8 chunk bar costing 16p could be discussed with the whole class first.

Plenary session

Children can share with the class how many chunks and the amount of money they have allocated to each group. They should explain their reasoning. The actual situation can then be revealed and compared. Do the children consider this a fair situation?

Reinforce 3 times table by challenging children to count up in threes as far as they can. Ask them how much a chocolate bar with 15 chunks would cost. 18 chunks etc. Ask them why you would not get a bar with 13/17 chunks.

Further resources

The following is a list of titles which will offer opportunities for further activities on issues of *Fairtrade* for KS2. They should be available through your local Development Education Centre (DEC).

| | |
|----------------------|---------------|
| The Clothes Line | Oxfam |
| Go Bananas | Oxfam |
| Making a Meal of It | Oxfam |
| The Whole World cake | Christian Aid |

Free leaflets available from Christian Aid: *People friendly coffee* and *Time for Tea*.

Dubble, the Fairtrade chocolate bar has a teachers/pupils website offering free primary packs about fair trade and chocolate www.dubble.co.uk

Locococo

An exciting game involving trading in cocoa beans and Fairtrade chocolate. Learn about global trading issues and the Rights of the Child. Suitable for Year 6 upwards. English or Spanish. Price: £18 including p&p. Available from the Humanities Education Centre.

www.locococo.org

Oxfam 274 Banbury Road, Oxford OX2 7DZ
Tel:01865 313600

Produce a range of global citizenship education packs. Education catalogue contains extensive range of resources across the curriculum. To order phone 01202 712933. Also have a website dedicated to teachers and children which contains information and activities: www.oxfam.org.uk/coolplanet

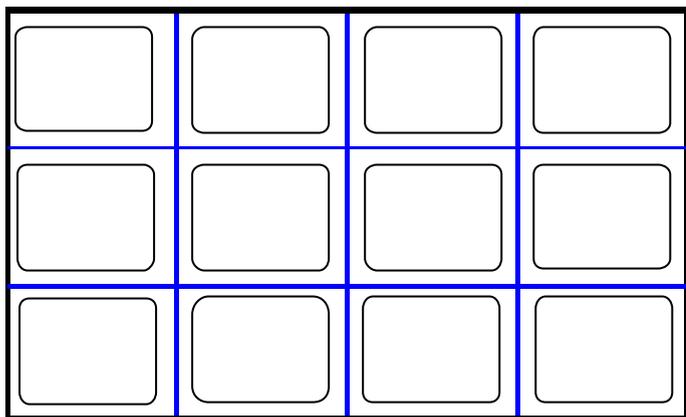
Feedback on these activity ideas would be much appreciated. Comments can be sent to HEC or your local DEC or made via the Global Footprints website.

Sharing a chocolate bar

Suggested whole class introduction

Chunky Delight is made using cocoa beans from Ghana.

A bar of *Chunky Delight* chocolate costs 48p in the local shop. Each bar has 12 chunks.



Possible group or partner work

- ▶ Does each chunk cost 3p, 4p or 5p?
- ▶ How did you work that out?
- ▶ Who do you think deserves the most money from the 48p paid for *Chunky Delight*?
- ▶ How many chunks worth do you think should go to each group? How much money is this that goes to each

Extension activity for Year 3 or Year 4:

- Choose a different cost price for the chocolate bar, e.g. 72p, where children are beginning to know multiplication facts for 6, 7, 8 and 9 times tables;
- Draw a bar chart showing the amount of money from the *Chunky Delight* chocolate bar allocated to each group

Alternatively the activity could be simplified:

Specify each chunk is worth 3p and ask children to cut out chunks to make a pictogram showing amount allocated to each group involved.

People and groups involved in making and trading cocoa and chocolate.

These are the people involved in making and selling cocoa and chocolate.

Who do you think works the hardest?

Cocoa growers in Ghana

Cocoa growers and their families usually own a small piece of land where they grow cocoa trees. The cocoa growers have to pay for all their own farming tools. Harvest time is a time of particularly hard work. This is when the cocoa pods are cut from the trees and the cocoa beans taken out of the pods.

Chunky Delight Chocolate factory

The factory in the UK buys the cocoa beans from Ghana and pays for it to be transported here. Sugar and milk is then added to the cocoa to make chocolate. The factory also pays for advertising the *Chunky Delight* chocolate bar so that people will buy it.

Shopkeeper

The shopkeeper buys the *Chunky Delight* chocolate bars and keeps them in the shop until they are sold. The shopkeeper needs to spend money on all the costs of running a shop.

Market shares of a 12 chunk bar of chocolate: the actual situation

| | | |
|---|----------|-----|
| Cocoa growers: | 1 chunk | 3p |
| Chocolate factory : (processing and manufacturing) | 7 chunks | 21p |
| Shop keeper: | 4 chunks | 12p |

NB Figures are approximate. In addition 17.5% of sales price

Fairtrade Divine chocolate www.divinechocolate.com

The activity provides an opportunity to introduce *Fairtrade* products, particularly chocolate and bananas. The Day Chocolate Company produces *Divine* chocolate and the *Dubble* bar. The company uses cocoa beans from the Kuapa Kokoo co-operative, an association of 30,000 small-scale cocoa growers in Ghana. The farmers are paid a guaranteed premium above the world market rate for their cocoa beans, which means that money is ploughed back into village communities.



Further ideas, contacts and information

Chocolate

Chocolate is one of the most popular foods in the Western world. It is dependent on a supply of cocoa from developing countries. Yet, ironically most cocoa farmers have never tasted a manufactured bar of chocolate.

Our appetite for chocolate continues to grow: the best selling chocolate bar in the UK, *Kit Kat* is consumed at the rate of 50 every second! On average £40 is spent per person per year on chocolate in the UK. Yet just three companies, Nestlé, Mars and Cadbury's, are responsible for over four fifths of all chocolate sales in the UK.

There is therefore enormous scope for the expansion of *Fairtrade* chocolate, guaranteeing cocoa farmers a better deal.

The main *Fairtrade* brands are *Divine*, a milk chocolate aimed at competing with popular UK milk chocolate brands, and *Green and Black's* who offer a range of high cocoa solids chocolate.



Activity and Action Ideas

- ☆ Examine the wrapping of a well-known brand and compare it with that of a Green and Black or *Divine* chocolate bar wrapper. Ask children to list the similarities and differences between the wrappers.
- ☆ Ask children to name and design a wrapper for a *Fairtrade* chocolate bar. What features should the wrapping contain? (Attractive eye-catching wrapper, ingredients, *Fairtrade Mark*, contact address of manufacturing company and information inside on the benefits of purchasing *Fairtrade* products).
- ☆ Design a poster advertising *Fairtrade* chocolate.
- ☆ Give a bar of *Fairtrade* chocolate to a friend and explain why you have chosen *Fairtrade* chocolate.

Staffroom action on *Fairtrade*

The most obvious practical way that a school can demonstrate its commitment to *Fairtrade* is by ensuring that all tea and coffee in the staffroom is fairly traded. See the list of Fairtraders for details of suppliers of *Fairtrade* products.

Fair Traders

Cafédirect (and teadirect) 66 Clifton Street, London EC2A 4HB

☎ 020 7422 0730 www.cafedirect.co.uk

Coffee and tea sold in all major supermarkets. Supply large tins of coffee suitable for staffroom bulk purchase.

Divine The Day Chocolate Company, 4 Gainsford Street,

London SE1 2NE ☎ 020 7378 6550 e-mail:

info@divinechocolate.com

Fair Trade dark and milk chocolate. Also produce *Dubble* bar

www.divinechocolate.com

Equal Exchange 10A Queensferry St, Edinburgh, EH2 4PG

www.equalexchange.co.uk

Organic teas, coffees, honey, brazil nuts, peanut butter

Green & Black's PO Box 1937, London W11

www.greenandblacks.com

A range of chocolates as well as ice-cream and hot chocolate

Traidcraft Kingsway, Gateshead, Tyne & Wear NE11 0NE

☎ 0191 491 0591 www.Traidcraft.co.uk

A full range of food products.

Where to find out more

The Fairtrade Foundation, Suite 205, 16 Baldwin's Gardens,

London EC1N 7RJ ☎ 020 7405 5942

e-mail: mail@Fairtrade.org.uk www.Fairtrade.org.uk

British Association of Fair Trade Shops (BAFTS) c/o Gateway

World Shop, Market Place, Durham DH1 3NJ www.bafts.org.uk

Development Education Centres (DECs)

This resource was produced by two DECs: Humanities Education Centre, Tower Hamlets and RISC in Reading. Your local DEC will be able to provide a range of exciting resource ideas for the teaching of Global Citizenship.

To find your nearest DEC contact the Development Education Association, 29-31 Cowper Street, London, EC2A 4AP



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35-39
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Your local DEC: