



Food and Drink



Activity Reference	F3.3
Title:	Consequences Trade Game
Aim:	For students to explore issues relating to Fair Trade in continents such as Africa, find out about the consequences to different people under normal and Fair Trade and discuss choices in relation to buying Fair Trade products and to investigate dairy farming in two countries.
Outcome:	<p>All: Will take part in a simple trading game and explain impacts to their given character. Will look at the main differences between dairy farming in Wales and Jamaica</p> <p>Most: Will take part in a simple trading game, explain the main impacts and highlight the main issues to different people under normal and Fair Trade rules. Will investigate the differences in dairy farming in Wales and Jamaica.</p> <p>Some: Will be able to predict the outcome in relation to wage to a variety of people under normal and Fair Trade rules. Will be able to understand the different pressures dairy farmers in Wales and Jamaica have.</p>
Allocated Time:	1 hour 30 minutes
Overview:	<p>Students become particular characters in the chocolate production chain from African farmer to UK shopper. Each person gets monthly wages according to set rules. The game is carried out under normal and Fair Trade rules and students can compare the money earned for their particular character under these different conditions. At the end students can discuss the impacts to different workers under normal and Fair Trade conditions.</p> <p>Students are then given the opportunity to investigate the difference in dairy farming between Jamaica and Wales.</p>
Resources:	People cards (provided) - Pa Pa Paa! KS2, 3 A A Fair Deal? Printout 3A Photos, Comic Relief 2005 Student recording sheets (provided) Money (template provided) Pencils Standard and Fair Trade chocolate for tasting (optional) Access to ICT and the internet
Background Information / Links:	Pa Pa Paa! KS2, 3 A A Fair Deal? Printout 3A Photos, Comic Relief 2005 www.fairtrade.org.uk www.maketradefair.com www.justtrade.co.uk

Instructions:

Introduction (10 minutes)

- Tell the **students** that they are going to be looking at chocolate and where it comes from.

Chocolate survey (optional):

- Divide the class into groups and ask them to write a list of the three most popular chocolate bars.

Chocolate chain (10 minutes)

- Ask the students to draw a flow diagram of the chain of chocolate production.

It should include the people involved and the country where they live.

- Give them the start “Cocoa beans” and to the finish “chocolate bar in your hand”.
- Give them a few minutes then ask the students to feedback and write the answers onto the board.
- Draw as a flow diagram which should look something like this:

Cocoa beans – Cocoa farmer/picker – Cocoa farmer owner –

Transport to UK – chocolate factory worker – transport to UK shop

– shopper (you)

Consequences Trade Game: (40 minutes)

Preparation

- Print enough character sheets and recording sheets for the class (the activity may be played individually or in pairs).
- The game can be played with or without the money sheets provided – print out as appropriate.

Activity

- Divide the class into pairs (the game can also be played individually).
- Give each a character as shown on the A4 resources sheets (eg. worker on a cocoa farm, worker in a chocolate factory).
- Explain who they are and where they live.
- Give each student/pair a recording sheet, on which they write who they are.
- Give characters their starting salary as shown on the Teacher Resource ‘Random Events card sheet (Round 1: Normal Conditions)’.

The game is played over a number of rounds. Each round represents a month of the year. At the beginning of each round, the characters get given

the wages for that month.

- Ask the students to record their monthly earnings on their recording sheet.

You decide if the round is a 'normal' or an 'event' round.

Normal round

- Tell the students the normal wage for that month for their character. Amounts awarded are shown on the Random Events card sheet (Round 1: Normal Conditions).

Event round

- Reads out an event from the Random Events card sheet (Round 1: Normal Conditions) and the consequences to each character.
- Tell the students the monthly earnings for their character as shown on the Random Events card sheet (Round 1: Normal Conditions).

At the end of each round ask the students to give in their money as this represents spending it. Ask them what each character would have spent their money on.

- Repeat as above until all random events have occurred.
- Discuss some of the issues raised.
 - What was the problem?
 - Emphasise that the farmer got very little money and the supermarket owner got too much. What could be done to solve this problem: pay the farmer more.
- Introduce the concept of Fair Trade ie. Farmers getting paid a higher price with more stability. Profits are re-invested into local communities to improve health, education etc.
- Play the game under Fair Trade Rules. Details of monthly earnings are on Random Events card sheet (Round 2: Fair Trade).
- Discuss the differences.
- Highlight on board with a table of the two trading types.eg.

Normal trading	Fair trading
Farmers get paid very low wages which fluctuate widely.	Farmers get paid higher wages with more stability of income.
Profits go to companies.	Profits re-invested into local community to provide health and education services.
Supermarkets dominate economy.	Local shops have a chance.

Chocolate tasting (10 minutes)

- Purchase some Fair Trade chocolate eg. Divine, Dubble.
- Cut into pieces and ask pupils to try it.

	<ul style="list-style-type: none"> • Ask the pupils to comment: <ul style="list-style-type: none"> ○ Do they like it? ○ Would they buy it? <p>Milking it</p> <ul style="list-style-type: none"> • Divide the students into groups of 3, sitting around a computer. Dependent on how many computers are available students can also play the online games individually or as a class and play the game together discussing the decisions they will make together. • Direct the students to the Oxfam milking it online resource • Ask the students to investigate the differences in diary farming in Wales and Jamaica using the online resources. <p>http://www.oxfam.org.uk/education/resources/milking_it/milkingit/</p> <p>The website has two online games; ‘Cowsequences’ and ‘You’re the farmer’ where students can play the role of a diary farmer in either Jamaica or Wales.</p> <p>Both games present students with scenarios where they have to make decisions, events then unfold related to the decisions they make.</p> <p>The website also has real life fact-files where students can investigate the differences between the dairy farmer in Wales and the diary farmer in Jamaica.</p> <p>Students will learn through the website that both farmers face pressure but from different things, they will learn about EU subsidies and the impact that has on both farmers.</p>
<p>Higher Ability Learners and AFL:</p>	<p>Ask students to predict what might happen to different characters under normal and Fair Trade rules.</p>

Teacher resources

Consequences Trade Game Random Events cards

Round 1. Normal conditions (ie. No Fair Trade)

There are 12 months in the game. During non-event months, characters get the wages as shown below. During an event month, individuals get the wages shown. The teacher decides if it will be a normal wage month or a random event month. Pick from the list below.

Start: All characters start the game with the following amounts of money.

	Starting savings	'Normal' monthly earnings
Cocoa farm worker	£5	£10
Coco farm owner	£25	£50
Chocolate factory worker	£150	£200
Chocolate factory owner	£500	£1,000
Grocery shop owner	£100	£200
Supermarket owner	£2000	£2,000

Event 1: You catch the 'flu and have to remain in bed for 2 weeks

Character	Consequence	Monthly earnings
Cocoa farm worker (Ghana)	Unable to go to work so lose out on 2 week's wages.	£5
Coco farm owner (Ghana)	Unable to work for 2 weeks but delegate jobs so still get income.	£50
Chocolate factory worker (UK)	Unable to work for 2 weeks but get sick pay.	£200
Chocolate factory owner (UK)	Off work for 2 weeks but still get earnings.	£1,000
Grocery shop owner (London)	Your husband/wife runs the shop for two weeks but decreased takings.	£70
Supermarket owner (London)	Take 2 weeks off work but no effect on takings. It's been a good month for trade so increased earnings.	£2,500

Event 2. Petrol prices increase.

Character	Consequence	Monthly earnings
Cocoa farm worker	Farm owner has less money to pay you. Half wages this month.	£5
Coco farm owner	Has to pay more for powering tractors. Higher cost of transporting cocoa beans.	£30
Chocolate factory worker	Higher costs of getting to work but no change in wage.	£180
Chocolate factory owner	Increased costs of transporting chocolate and materials.	£700
Grocery shop owner	Increased costs of buying chocolate due to increased transport costs.	£150
Supermarket owner	Slight increase in transporting goods to shop but mainly balanced by profits elsewhere.	£2,000

Event 3. Good growing conditions in Ghana.

Character	Consequence	Monthly earnings
Cocoa farm worker	Paid normal monthly wages.	£10
Coco farm owner	Better crop so able to sell more beans.	£80
Chocolate factory worker	No change in wages.	£200
Chocolate factory owner	More beans to buy so able to make and sell more chocolate.	£1,400
Grocery shop owner	Price buying chocolate falls as it is in abundance.	£300
Supermarket owner	Able to buy a lot more chocolate and increase in sales.	£3,500

Event 4. Extra violent monsoon rains due to global warming.

Character	Consequence	Monthly earnings
Cocoa farm worker	Cocoa plants bashed down so unable to pick many beans.	£5
Coco farm owner	Few beans picked so unable to sell many abroad.	£50
Chocolate factory worker	No change in wage.	£200
Chocolate factory owner	Cocoa beans more expensive to buy and fewer chocolate bars to sell.	£700
Grocery shop owner	Price of chocolate increases buy in fewer chocolate bars	£150
Supermarket owner	Profits elsewhere still give an increase in overall earnings.	£4,000

Event 5. Large American company buys up many cocoa farms.

Character	Consequence	Monthly earnings
Cocoa farm worker	Wage decrease as company tries to make more money.	£ 5
Coco farm owner	Wage decrease as company tries to make more money.	£40
Chocolate factory worker	No change in wages as you are already on the minimum wage.	£200
Chocolate factory owner	Higher percentage of profits go to the new company.	£700
Grocery shop owner	Lower price to buy chocolate bars wholesale so able to buy and sell more.	£300
Supermarket owner	Lower price to buy chocolate bars wholesale so able to buy and sell more of these and other chocolate-based foods.	£4,000

Consequences Trade Game Random events cards

Round 2. Fair Trade

Start: All characters start the game with the following amounts of money.

	Starting savings	'Normal' monthly earnings
Cocoa farm worker	£25	£30
Coco farm owner	£50	£100
Chocolate factory worker	£300	£300
Chocolate factory owner	£300	£500
Grocery shop owner	£150	£200
Supermarket owner	£1000	£700

Event 1: You catch the 'flu and have to remain in bed for 2 weeks

Character	Consequence	Monthly earnings
Cocoa farm worker (Ghana)	Unable to go to work but get some sick pay.	£20
Coco farm owner (Ghana)	Unable to work for 2 weeks but delegate jobs so still get income.	£100
Chocolate factory worker (UK)	Unable to work for 2 weeks but get sick pay.	£300
Chocolate factory owner (UK)	Off work for 2 weeks but still get earnings.	£500
Grocery shop owner (London)	Your husband/wife runs the shop for two weeks but decreased takings.	£150
Supermarket owner (London)	Take 2 weeks off work but no effect on takings.	£700

Event 2. Petrol prices increase.

Character	Consequence	Monthly earnings
Cocoa farm worker	Farm owner has less money to pay you but you still get more than in normal trading.	£20
Coco farm owner	Has to pay more for powering tractors. Higher cost of transporting cocoa beans.	£80
Chocolate factory worker	Higher costs of getting to work but no change in wage.	£280
Chocolate factory owner	Increased costs of transporting chocolate and materials.	£350
Grocery shop owner	Increased costs of buying chocolate due to increased transport costs.	£150
Supermarket owner	Slight increase in transporting goods to shop but mainly balanced by profits elsewhere.	£700

Event 3. Good growing conditions in Ghana.

Character	Consequence	Monthly earnings
Cocoa farm worker	Paid more as there is more bean crop.	£40
Coco farm owner	Better crop so able to sell more beans.	£180
Chocolate factory worker	No change in wages.	£300
Chocolate factory owner	More beans to buy so able to make and sell more chocolate.	£800
Grocery shop owner	Price of buying chocolate falls as it is in abundance. High sales.	£300
Supermarket owner	Able to buy a lot more chocolate and increase in sales.	£1,000

Event 4. Extra violent monsoon rains due to global warming.

Character	Consequence	Monthly earnings
Cocoa farm worker	Cocoa plants bashed down so unable to pick many beans. However get some pay for what there is.	£25
Coco farm owner	Few beans picked so unable to sell many abroad. However get a reasonable price for them.	£80
Chocolate factory worker	No change in wage.	£300
Chocolate factory owner	Cocoa beans more expensive to buy and fewer chocolate bars to sell.	£400
Grocery shop owner	Price of chocolate increases buy in fewer chocolate bars.	£150
Supermarket owner	Little effect on sales.	£1,000

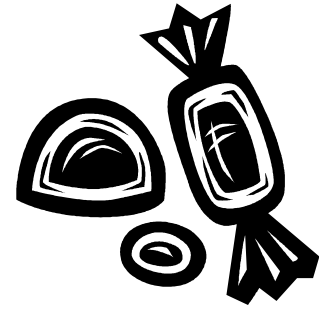
Event 5. Large American company buys up many cocoa farms, but pays a fair price to farmers.

Character	Consequence	Monthly earnings
Cocoa farm worker	Wages stay the same.	£ 30
Coco farm owner	Earnings stay the same.	£100
Chocolate factory worker	No change in wages.	£300
Chocolate factory owner	Has a normal month's earnings.	£500
Grocery shop owner	Price of chocolate the same. Earnings the same,	£200
Supermarket owner	Supermarket doesn't get the high profits.	£1,000

Resources

Chocolate Trade Game

Recording Sheet



Round 1.

Write who you are, as shown on the card you will be given, and the amount of money you start with.

I am

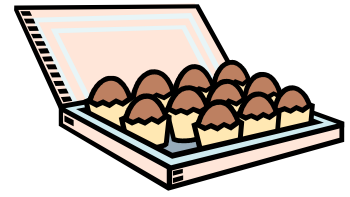
I start with £.....

Monthly wage

Month	Money earned
January	
February	
March	
April	
May	
June	
July	
August	
September	
October	
November	
December	

Round 2.

Write who you are, as shown on the card you will be given, and the amount of money you start with.



I am

I start with £.....

Monthly wage

Month	Money earned
January	
February	
March	
April	
May	
June	
July	
August	
September	
October	
November	
December	

Worker on cocoa farm

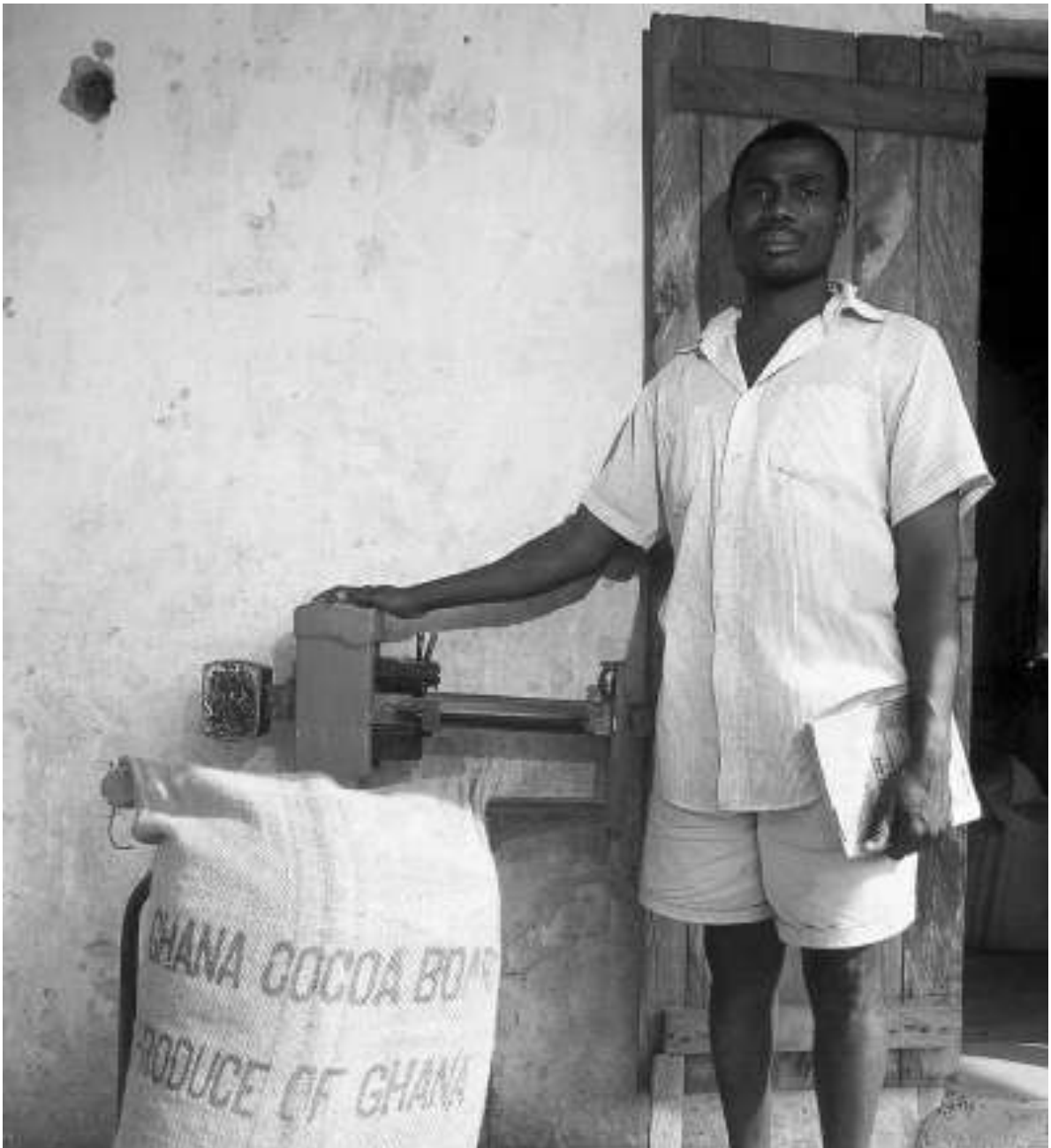


Pa Pa Paa! KS2, 3 A A Fair Deal? Printout 3A Photos, Comic Relief 2005

Worker in a chocolate factory



Owner of a cocoa farm



Pa Pa Paa! KS2, 3 A A Fair Deal? Printout 3A Photos, Comic Relief 2005

Owner of a chocolate factory



Pa Pa Paa! KS2, 3 A A Fair Deal? Printout 3A Photos, Comic Relief 2005

Owner of a local grocery store



Pa Pa Paa! KS2, 3 A A Fair Deal? Printout 3A Photos, Comic Relief 2005

Owner of a supermarket



Pa Paa! KS2, 3 A A Fair Deal? Printout 3A Photos, Comic Relief 2005

Pa

Shopper



Pa Pa Paa! KS2, 3 A A Fair Deal? Printout 3A Photos, Comic Relief 2005

FIVE FIVE FIVE FIVE

5



5

FIVE FIVE FIVE FIVE

5



5

TEN TEN TEN TEN

10



10

TEN TEN TEN TEN

10



10

TWENTY TWENTY

20



20

TWENTY TWENTY

20



20

FIFTY FIFTY

50



50

FIFTY FIFTY

50



50

ONE HUNDRED

100



100

ONE HUNDRED

100



100

ONE THOUSAND

1000



1000

ONE THOUSAND

1000



1000