

### Objectives

1. To give an awareness of sustainable development.
2. To give an understanding of responsibilities towards other people as an active citizen.
3. To show how environmental change can affect quality of life.

### New Words

*Benefits, sustainable*

### Resources

- *Berna's Story Part 2 Handout 3.1*
- *African music CD*
- *Coloured pencils*
- *Story Board Handout 3.2*
- *Teacher Information 3.0*

### Starter

Time: 15 minutes

- *Berna's Story Part 2* with African CD.
- Looking at the text, what are the **benefits** for Berna's family? Pupils could mention:
  - *kids from the goats*
  - *eggs from the chickens*
  - *manure from all the animals*
  - *more vegetables*
  - *healthier children*
  - *money from selling eggs and kids to buy needed items*
  - *able to go to secondary school*
  - *valued in the community (pass on goat) - able to help others*

### Lesson

Group activity

Time: 15 minutes

- Hand out **Berna's Story Part 2** and storyboard - **Handout 3.2**
- Pupils storyboard what happened to Berna and her family.
- **Teacher Information 3.0** has the benefits grouped for the boxes.

### Plenary

Time: 15 minutes

- The animals changed Berna's family.
- Goats and chickens are good for the soil and the environment.
- Berna's needs will all be met over time by the benefits from the animals.
- **Sustainable** benefits - the animals are able to help Berna over time and she is able to pass on the first female goat.

At this point you may like to make the link to your Read to Feed sponsorship or other fundraising ideas ([sendacow.org.uk/readtofeed](http://sendacow.org.uk/readtofeed)) Giving pupils a specific class or individual target is often a good incentive. This could be to raise the amount it costs to provide various animals, e.g. raise enough as a class for two goats and some chickens.

Berna has now been given some help in her difficult situation. 'Send a Cow' is a charity that provides farm animals for people like her. They sent her a male goat, two females and six chickens.

She was very happy about receiving these gifts. It means that she can breed the goats and sell kids (baby goats) for 30,000 Shillings each (about £10). Not only that but the manure that the goats produce is good for the soil, so now they use it on their vegetables and banana plants.

The chickens live around the house in the corners of rooms, which is quite lively! They have to do this so no-one steals them. Instead of eating the eggs straight away, Berna is letting them hatch so that they have some chicks. She hopes to have a flock of 15 chickens when they are grown up - the eggs laid by the flock will be really healthy for them and they can start selling the rest of the eggs. Chickens also make a lot of mess but that is good for the soil, so all of their crops should grow really well.

With the eggs, vegetables and manure for the crops, Berna's family will be healthier and not need medicine so often. Also, when they sell kids and eggs Berna will be able to afford to send all of the children to school. There is work to do though, the children have to look after the animals and fetch fodder from the fields. Mango leaves, other fruit leaves and banana plant stems have to be cut up for the goats.

All of this is great for the family, as they know how much the animals will benefit them. There will be better food and soil and some money coming into the house. One of the other good things is that they agreed to give away their first female goat to someone else that needs it. Then those people will also give away their first female born. This way they can all pass on the gift throughout the village over the years.

Things are still hard, but looking much better for Berna and her family. One of the children even says that he wants to study hard so that he can become a teacher!

## Definitions

**Benefits** - something that is good for well being.

**Sustainable** - to improve quality of life, protect the land and make the communities in which they live better in an on-going way.

## Example of modelling story board

The first two boxes have been partly filled in.

The next box could be filled in as a class, asking questions about what the next benefit would be and how to draw it.

*e.g. 'Manure from animals gave more vegetables.' The manure produced by the animals is used on the under-nourished soil. Vegetables grow very well where they may have died previously. For the picture - manure is put on the vegetable garden and crops like onions, cabbages and tomatoes are produced.*

Pupils may need more help with what goes into the other boxes though. The benefits from the start of the lesson can be grouped into the boxes as follows:

***Box 3. Manure from animals gave more vegetables.***

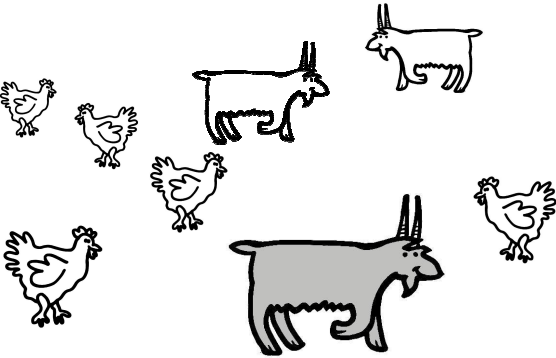
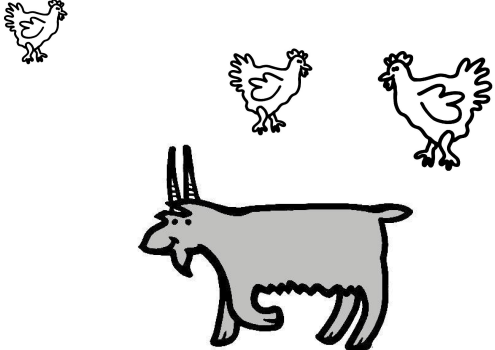
***Box 4. Eggs and vegetables made the children healthier.***

***Box 5. Money from selling eggs and kids at the market helped with needs, (medicine, shoes and school costs).***

***Box 6. Berna's family were able to help others by passing on a goat.***

Name: \_\_\_\_\_

Handout 3.2

		
<p>The three goats and chickens were given to Berna's family because they were so needy.</p>	<p>The goats gave _____ and _____. The chickens produced _____ and _____.</p>	