



Newlands
INTERMEDIATE SCHOOL

Dugdale



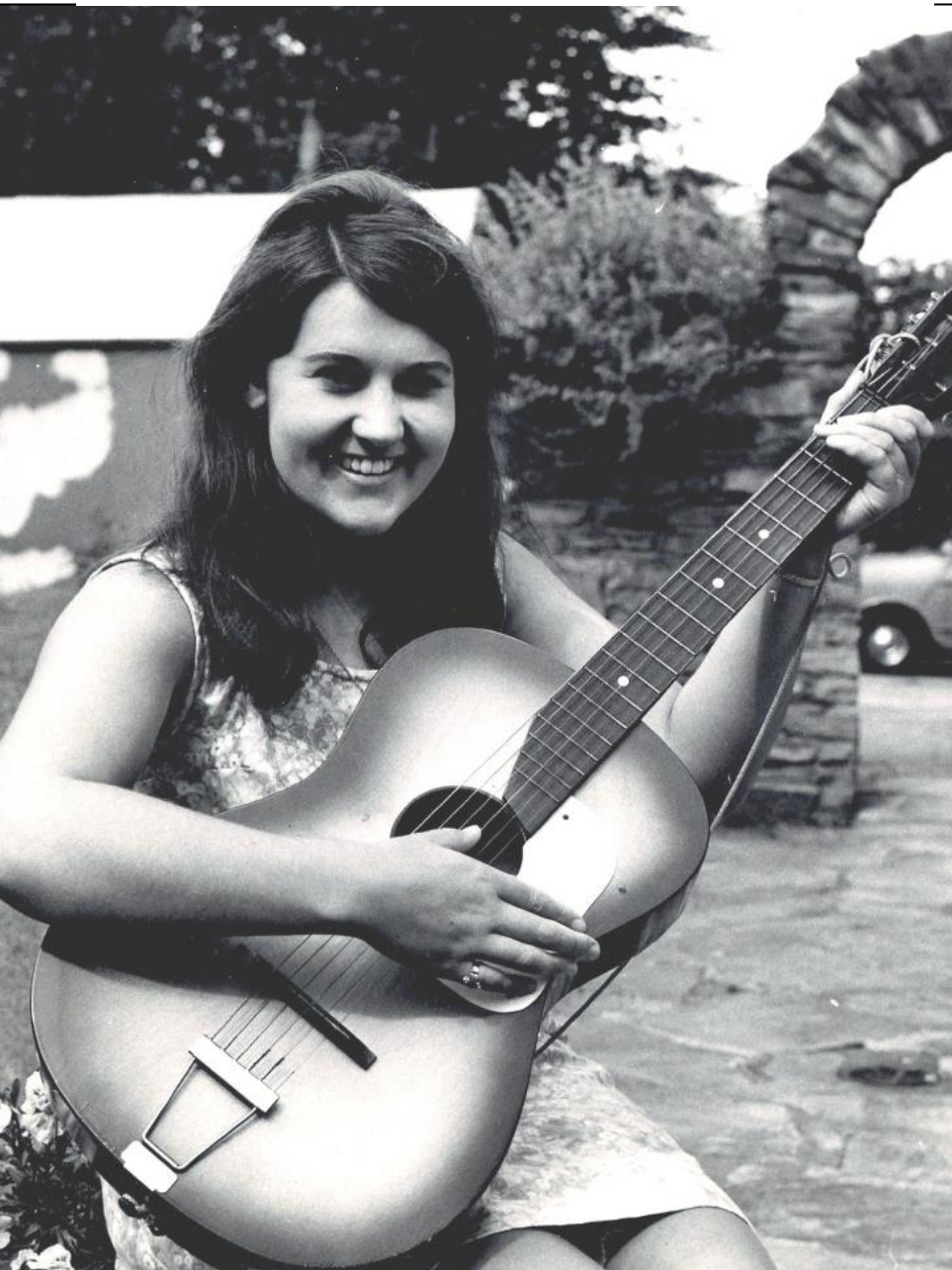
Charitable Trust

Uganda Chicken Project 2021

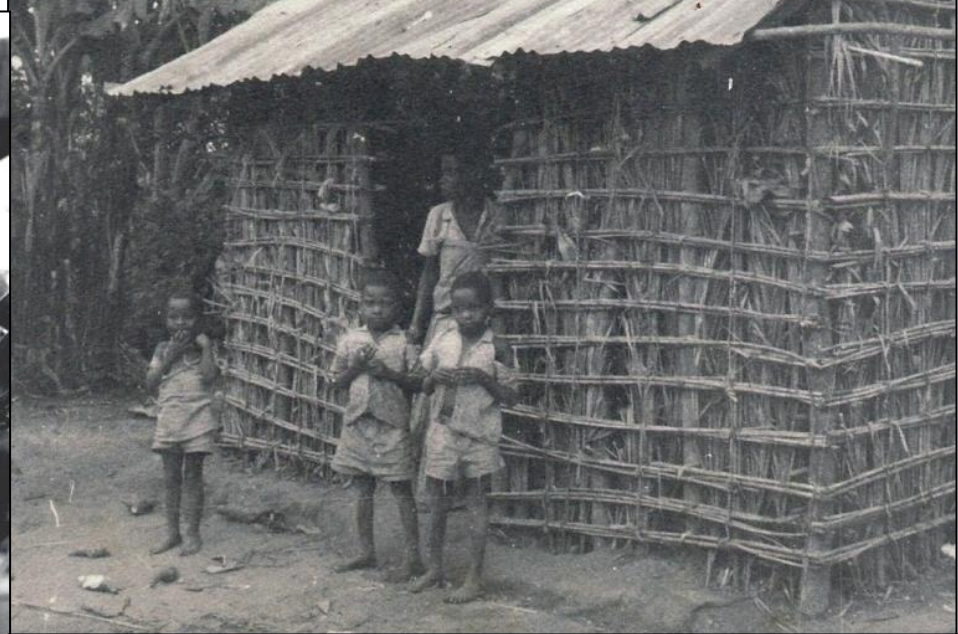
**Chris and Warwick Dugdale invite you to read the Dugdale Charitable Trust
and Newlands Intermediate School “Uganda Chicken Project”**



When Chris was 20 she travelled to Uganda for one year as a volunteer.



She took photos of some of the typical African Huts in 1967





And this photo of the village water hole which provided water drinking, washing and cooking.

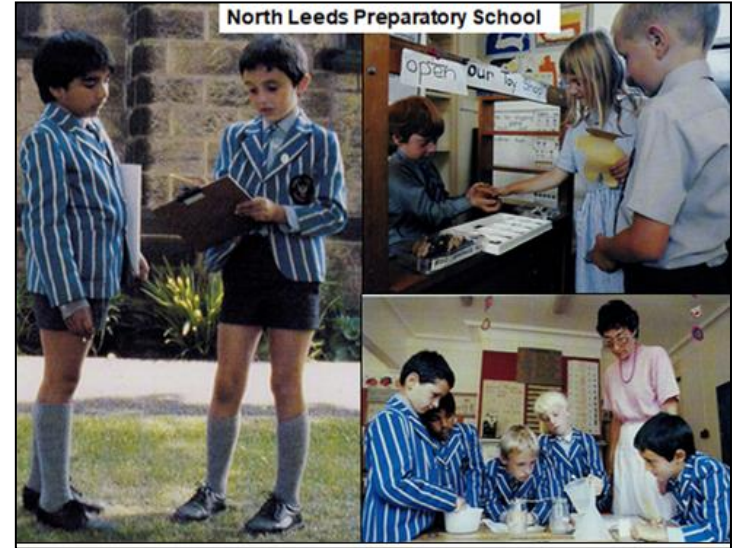
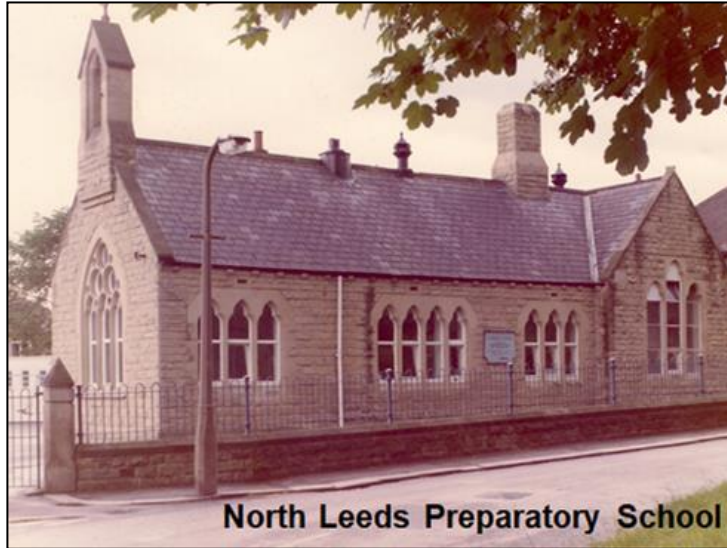
It was usually the children's job to carry the water back to their homes on their heads in tins or pots.

The water in the water hole was dirty and contaminated.

Chris was teaching students who were training to become Primary school teachers



After a year in Uganda Chris returned to England and bought a small private school of 75 pupils. She was the headmistress there for 18 months.



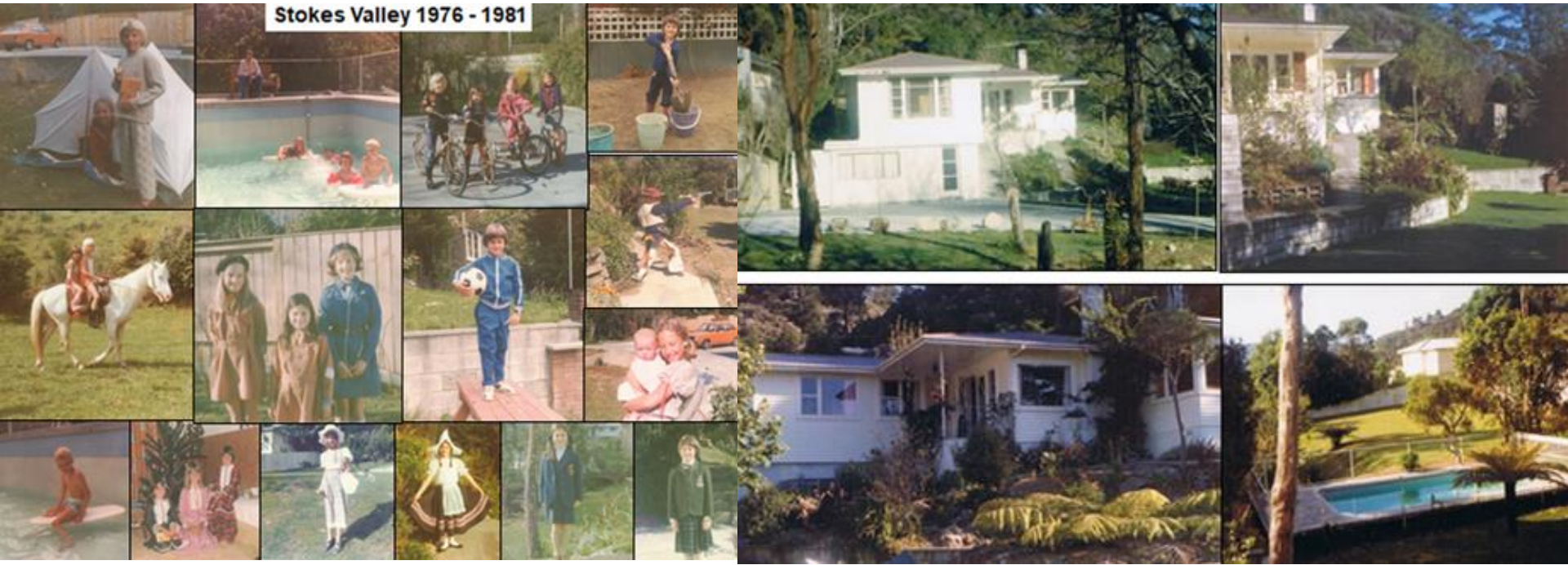
Then she went to live and work in the Seychelles which are a group of small islands between India & Africa.



The next adventure was to travel 1,750 kms on a yacht to Mombasa and from there onto Johannesburg in South Africa.



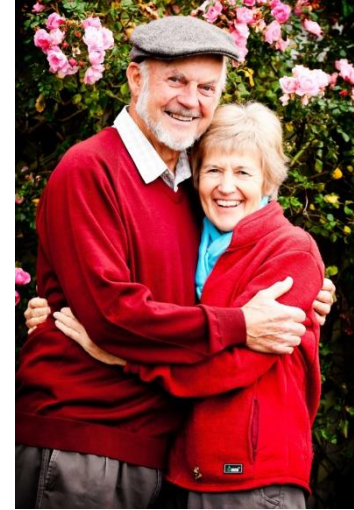
In 1976, Chris arrived in New Zealand with 5 children and lived in Stokes Valley



Warwick and Chris between them have 10 children, 14 grandchildren and 3 great grandchildren. It is impossible to get them all together for a photo but here are some of them.



Dugdale Charitable Trust



In 2011 Chris and Warwick started up the Dugdale Charitable Trust.

They began with \$10 and raised money for charities through building 13 houses in the Wairarapa and Upper Hutt.

Tradesmen and suppliers helped by donating some of their time or discounting building materials.

Warwick and Chris volunteer their time. 100% of all the money raised goes directly to the charity it is helping.

They are passionate aboutPeople, Property and Projects

Their tagline is ... **Working together to make a difference.**

The house that raised funds for Ronald McDonald House



Another house built by the Trust in the Wairarapa



The building didn't stop even when it was raining



The Dugdale Charitable Trust built 6 houses at Smallfield Lane in Upper Hutt



The Trust donated funds to help a number of different charities



Each Life Flight Trust helicopter rescue flight costs \$2,500 in addition to any government funding. The Dugdale Charitable Trust has helped to fund 20 of these flights, each one helping someone who was ill or in an accident and each one potentially saving a life.



The Trust donated an IRB (Inflatable Rescue Boat) for the Riversdale Surf Lifesaving Club



In 2017 the Trust helped fundraise so the pool could be refurbished and kept open for future years.



The Dugdale Charitable Trust donated a car for the Hospice in Masterton. This made it possible for the Hospice staff to visit sick patients in their homes.

The Dugdale Charitable Trust supports four Projects in N.Z. and one in Uganda.



1. YWAM – Youth with a Mission in Nelson



2. Cabins in Carterton to provide accommodation for 'at risk' youth



3. Arapohue – A Healing and Recovery Centre near Dargaville in Northland

2. Cabins in Carterton to provide accommodation for 'at risk' youth



3. Arapohue – A Healing and Recovery Centre near Dargaville in Northland



**4. Working on a Project with Habitat for Humanity in Nelson to build cabins as transitional housing for people who have nowhere else to live.
The first two cabins will be completed by the end of February 2021 by volunteer builders.**





**Dugdale
Charitable Trust**



5. THE UGANDA PROJECT

In 2017 the Trust heard about a school in Uganda, which is the country in East Africa. This is where Chris had worked as a volunteer over 50 years ago.





A man called Daniel lives in Uganda and opened a Primary and a Secondary School. He wanted to help orphaned children.

In 2017, the Dugdale Charitable Trust provided funds so he could purchase buildings for a secondary school called The Hermitage Secondary School and Vocational Training Centre. It is in Butanza village on the main road between Kampala and Gulu. The closest town is called Wobulenzi and the children can board there. Some of the children stay at the school all year as they have nowhere else to live.

Daniel also started the David Tyler Nursery and Primary School . The school is a one hour drive from the secondary school and is in a very poor area of Uganda off any main roads. Many of the children at this school are orphans and are looked after by a caregiver. Without this school these children would not be able to receive any education and unable to find jobs when they grow up. Some families in Uganda cannot send their children to school as they have no money for school fees so Daniel tries to pay for these children and the Dugdale Trust is helping him.



We fundraise for this school through a Givealittle page – David Tyler School – Uganda.

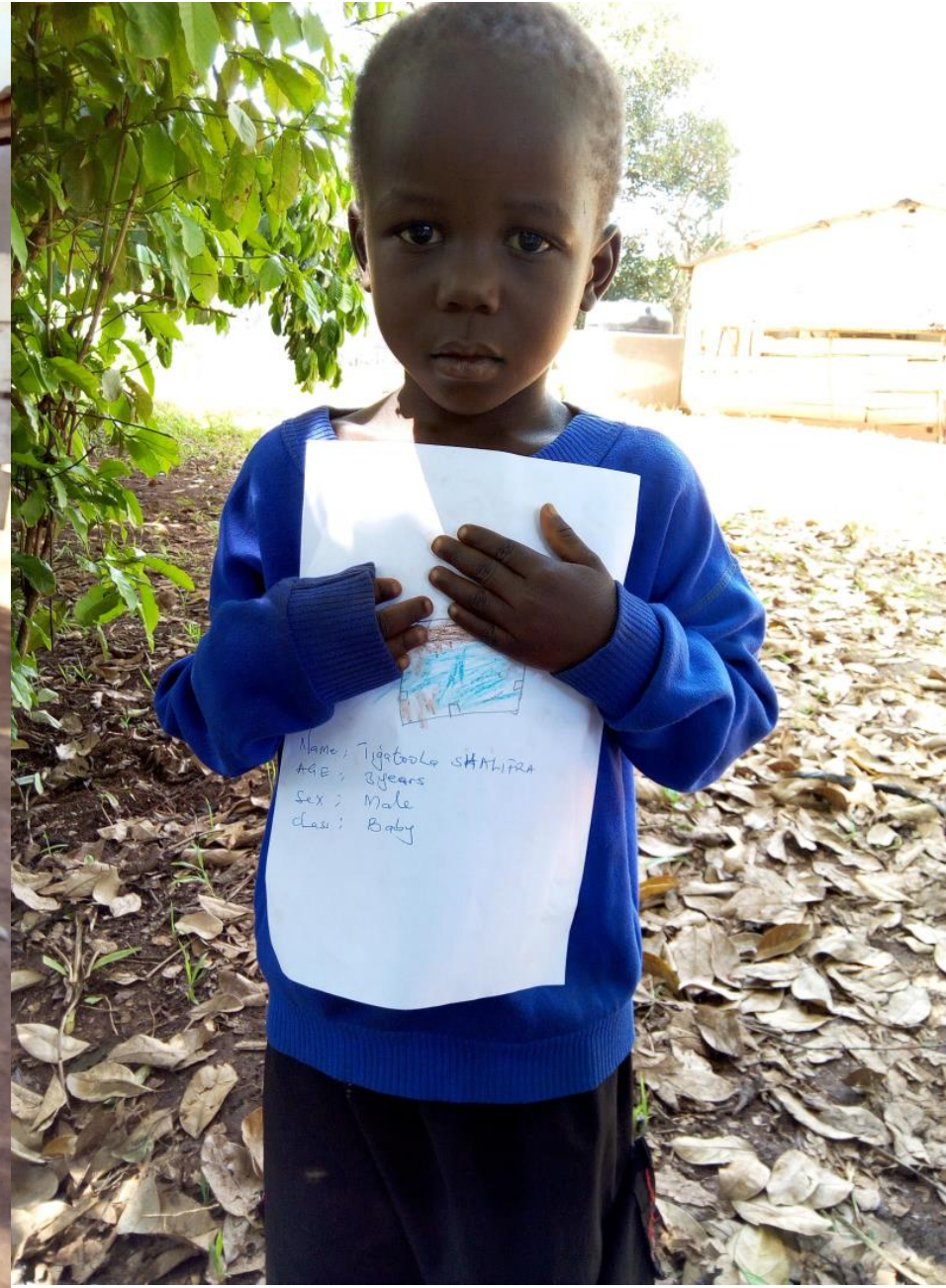


This photo is of the school children and staff along with Emma (left of photo). In 2017, Emma went to Uganda as a representative of the Dugdale Charitable Trust to help at the schools and lived with Daniel and his wife and children for 3 months.

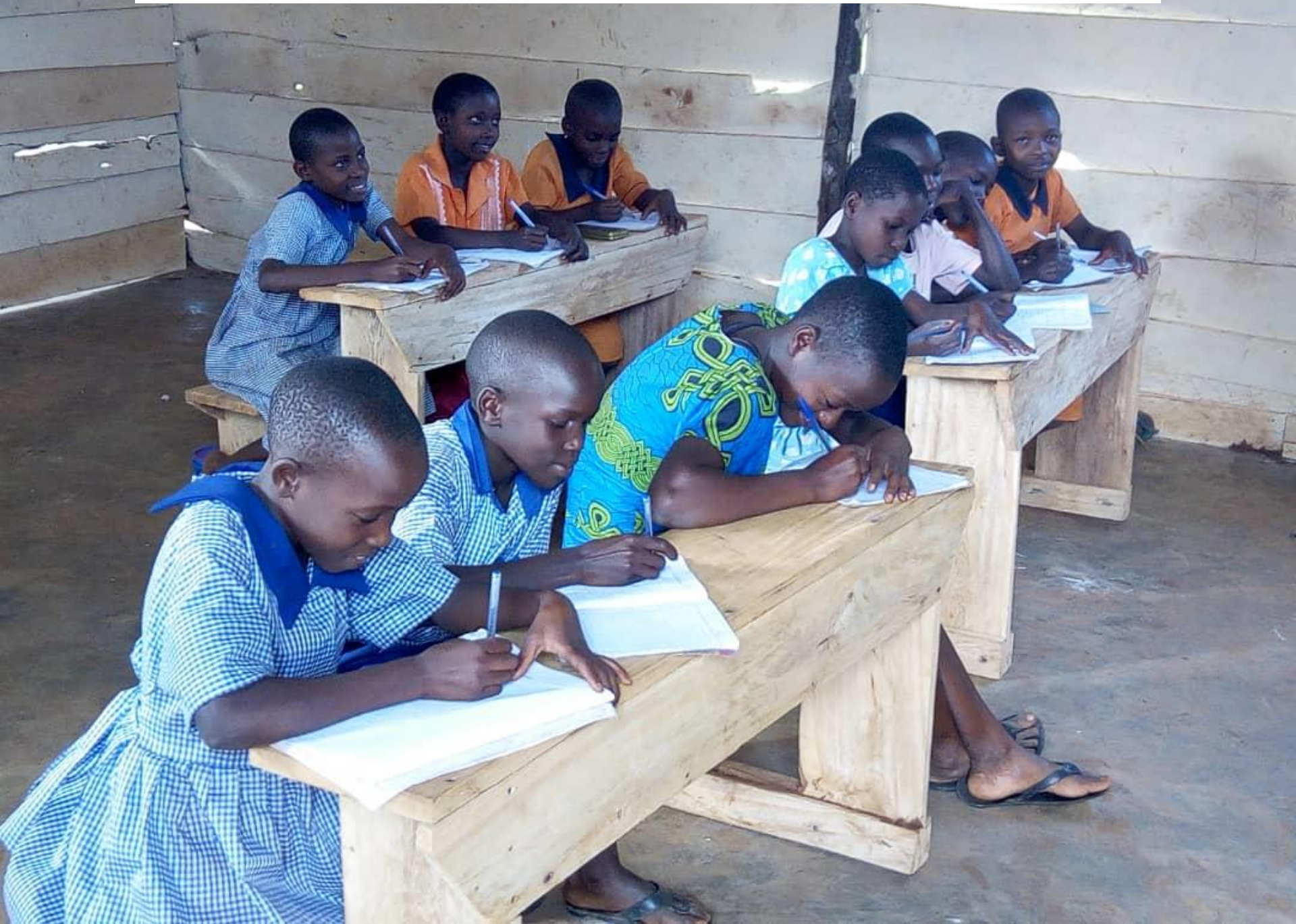
The total population of Uganda is 45 million with a large percentage under 25 years old. 2.5 million orphans live in Uganda. This is a photo of Daniel when he started the David Tyler Nursery and Primary School. Many of these children are orphans.



Two of the children from David Tyler Nursery and Primary School



A group of Primary children at David Tyler School. These desks have seats.



The younger classes have desks to write on but have to sit on the floor.

They were writing letters to send to children at Maranatha School in Lower Hutt, New Zealand.



This photo shows the school classrooms in 2017.

Classrooms were simply poles with an iron roof and mud walls with a few planks for the walls. Can you imagine what it was like when it was raining? Uganda has two rainy seasons each year.



This is a photo of another typical classroom with mud floors.

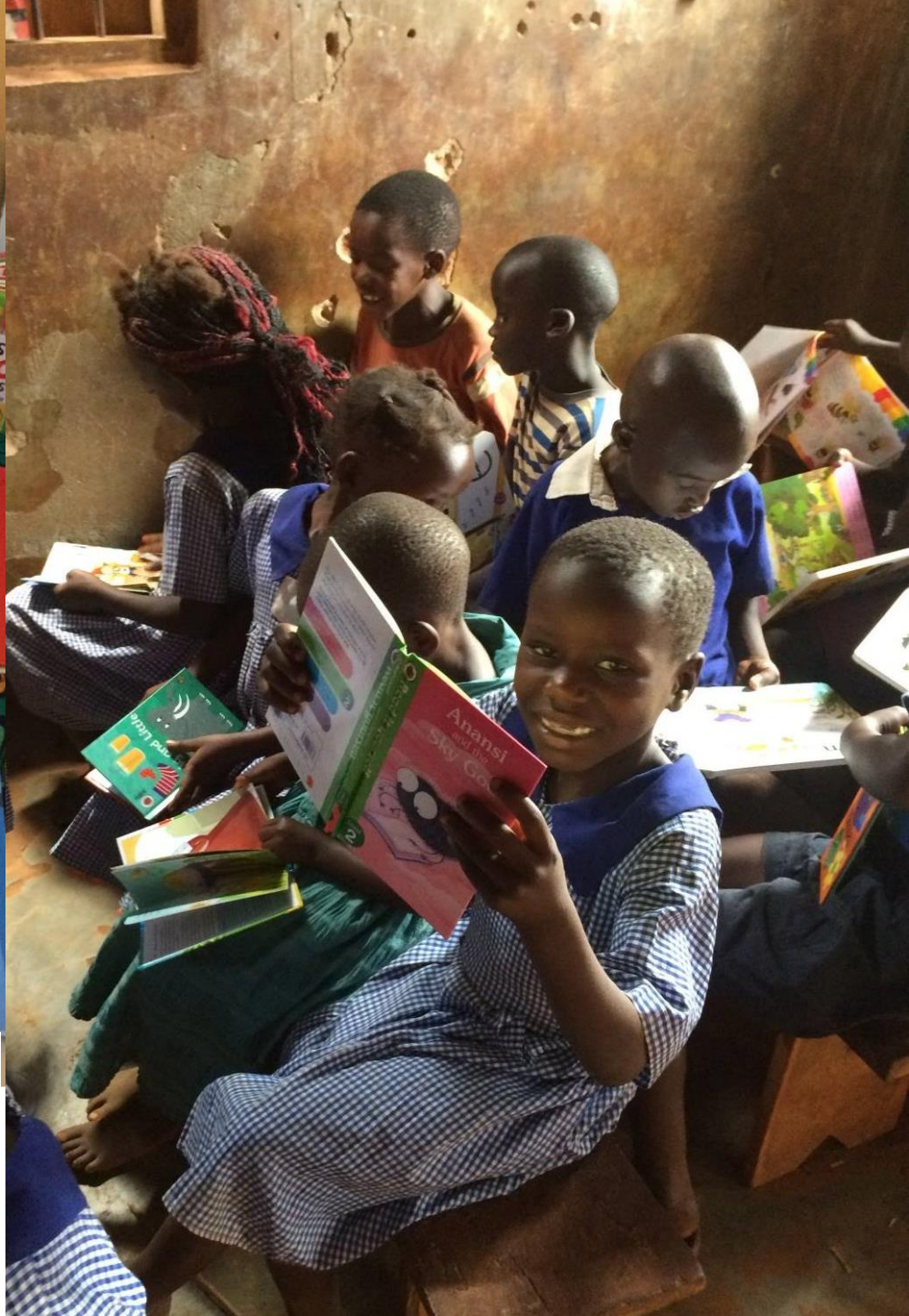


Some of the children did not have a classroom and had their lessons outside. Without any shade they would get very hot and of course could not learn when it rained.



These children never had any educational or play equipment. Maranatha School in Lower Hutt sent over some school uniforms and Duplo and other items but the postage was expensive. We decided in the future that it is better to fundraise for money and send the funds direct to Daniel who would buy items in Uganda. This also supports the local businesses in that country.





An organisation donated \$500 to the Trust so that Emma was able to buy books for the David Tyler school. The children had not had books before so were really happy to receive them.

The big smiles in this photo were when the soccer balls arrived along with a pump to blow them up.



In 2017 the school had no funds to buy stationery for the school year so a coffee shop called 'The Hub Social' asked their customers to help them fundraise. The money was sent to Uganda and Emma purchased exercise books, pencils and crayons.



Beanie hats knitted by people in New Zealand were also posted over. The children loved wearing these even in the heat.

The Dugdale Charitable Trust purchased swings and slides for the children at David Tyler School.





Many children do not have enough food and come to school without breakfast just like in New Zealand. A generous person in Wellington made a donation to the Dugdale Trust and this money was sent to Daniel who bought bags of food for these orphans and 25 other families.

This is a typical village family home made of mud and dried grass. Water is collected from a dirty water hole, 1 km away and carried home in a yellow jerry can. You can see the pot on the ground used for cooking.





This home is badly in need of some repairs.

The children have drinking straws called 'LifeStraws' which act as a water filter when drinking contaminated water

Children can get swollen tummies when they do not have enough protein in their diet. It is a form of malnutrition called kwashiorkor .

The children's diet is poor with very little protein or vegetables. Most of the meals are made from maize flour.



© Majority World



The main foods eaten in Uganda are green bananas called Matoke & Maize (Sweet Corn)

Maize is ground into a flour called 'maize meal'. It is cooked until it is the consistency of mashed potatoes and is called Posho (pronounced Poor-shore)



In South Africa Posho is called Pap.

The children eat it with their fingers for lunch at school.

For morning tea they have the same maize meal mixed with water into a drink.

Beans are a treat as they are expensive and eggs or chicken meat is even more of a treat and one many families can never afford.



Maize meal drink for morning tea



It was a special lunch on this day as beans were served with the Posho.



Cooking is traditionally done on a charcoal fire



These were the toilets at the David Tyler School in 2017. They have no doors and are just a hole in the ground. There were no hand washing facilities

As well as the schools, Daniel helps the local community in many other ways. He arranged to take Betty to a hospital to be fitted with a wheelchair. This was life changing for her family. Betty had never left her home or attended school due to not being able to walk .
The photo below shows Daniel and Betty



Being taken to the hospital



Home with a wheelchair

Water is always a problem in Africa. The 'Dugdale Charitable Trust' and 'The Hub' shop propagated plants and held a joint plant sale. This provided the funds for a 5,000 litre water tank. It has helped in the rainy season but runs dry when it doesn't rain. The school children and local community travel 1 km to collect water from a muddy contaminated water pond.

We are currently fundraising so that we can provide either a water bore or bigger water tanks for the David Tyler School and have a Givealittle page called 'Uganda Clean Water Project'.

5,000 litre water tank



David Tyler pupil collecting water in jerry cans on the school bike



Water Bore at Secondary School

This is the water hole where the school collect their water from. Many children in Uganda die from diseases caused by drinking contaminated water collected from a water hole like this,





In 2018, the Uganda government said that all schools that did not have proper brick buildings had to close even though the government give no assistance to schools like David Tyler . This would have meant that the 100 children at David Tyler would not be able to go to school.

The Dugdale Charitable Trust wrote to the local education officials and asked if the school could remain open if we undertook to build the brick classrooms in the next 2 – 5 years. They agreed as long as some temporary classrooms (photo above) were constructed.

After fundraising for almost three years and with the help of Maranatha School, the Dugdale Charitable Trust arranged for the new school buildings to be constructed. They were built by a building company in Uganda called ‘Brick by Brick’ who were very good to work with.

PROJECT: DAVID TYLER

**NURSERY & PRIMARY
SCHOOL**

FUNDED BY: DUGDALE



CHARITABLE TRUST

IMPLEMENTED BY:

**BRETHREN CARE AND
COMMUNITY EMPOW
ERMENT FOUNDATION
(BCCEF)**



Brick by Brick



Brick by Brick

We came across a method of making bricks called ISSB (Interlocking Soil Stabilised Bricks). The bricks are made from local earth and cement and pressed in this machine and then dried for 10 days in the sun. It is a much more sustainable way of making bricks. Traditional bricks require 2 – 3 days of being burnt (fired) in a kiln and need many trees to be cut down to do this.



Photo of builders making these more sustainable bricks. (ISSB) They fit together snugly as they are made in a special shape that means they do not need as much cement between them.



The bricks can be painted once the wall is built.





Uganda went into lockdown in March to avoid the spread of the Coronavirus. 18 builders (one was taking the photo) had started to build the school. The government ordered that only one driver and one passenger could travel in a car in Uganda and the builders could not get back home as it was 4 hours away. None of them had a car and public transport was also cancelled.

The Dugdale Charitable Trust made a quick decision to send more funds so the builders could purchase more sand and cement (for bricks) and steel (for making windows and doors) There was 48 hours notice to get the funds to Uganda and for the builders to buy all the materials. Everyone worked together and enough materials were able to be purchased to allow the school to be completed over the next few months.



Over the next few months the builders worked hard making bricks, laying the foundations and building the walls and roof. They lived on site for several months.





Steel was used to make the windows and doors and then these were painted

7 Classrooms were built for the Primary age Children - P1 to P7





3 x Nursery Classrooms

6 x Staff accommodation rooms





A new toilet and shower building



Inside the Toilet Block – A big improvement on the previous toilets



4 x New Fuel Efficient Stoves in the new kitchen to cook the school lunches

The site had not yet been cleaned up when these photos were taken and work had just started on renovating the old concrete building that used to be the Nursery School. It will now be the David Tyler school administration building.



**Daniel and some helpers started to build the Chicken House.
They used materials from the old school classrooms**



They put the roof on and built a brick wall



Work continued on the Chicken House using available materials





The chicken house is ready but the school needs the funds to buy equipment, food, bedding and 500 day old chickens.



Daniel on the left and his wife Violet in the chicken house which has been going for almost a year at the Hermitage Secondary School.



Alpha and Daniella (Daniel and Violet's children) with some small chickens at the secondary school.

You can see the 'drinkers' (water) and the 'pots' that are filled with charcoal and fire to warm the chickens when brooding.



Pot with charcoal for warmth

KUKUCHIC
Home of real chicken

KUKUCHIC BROILER VACCINATION PLAN

Day 5-7 *14th Sunday*
ND/ IB - Eye drop.

Day 13-15 *22nd*
Gumboro (IBD)- Eye drop

Day 21-23 *30th*
Gumboro (IBD)- Drinking Water

Day 28- 30 *7th Dec*
ND/IB- Drinking water

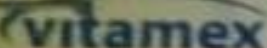
N/B:

- Give plain vitamins 12 hours after vaccination
- Always vaccinate in the mornings or late evening (cool temperature)
- ND - New Castle Disease
- IB - Infectious Bronchitis

Vaccinations for chickens

Different kinds of 'feeders' and the chicken food in sacks. (Maize)





VITAMEX LAYER CONCENTRATES

LAYER 5%

**Optimal performances thanks to our nutritional expertise*

	Starter	Pullet	Pre-lay	Lay 1	Lay 2
	0-6w	6-17w	17-20w	20-45w	45w-end of lay
MAIZE	45	35	36	39	41
MAIZE BRAN	18	35	30	20	20
SOYA CAKE	25	11	16	17	15
SUNFLOWER CAKE	5	12	9	9	9
LIMESTONE	2	2	4	10	10
REAR - 5	5	5			
LAY - 5			5	5	5
	100	100	100	100	100



Distributed by:

STEDET (U) LTD, Plot 40A, Namirembe Road, (Next To City Oil - Bakuli)

Tel: +256 777 440 094 | +256 755 400 170

The chickens are fed according to their age. Here is a chart of chicken age and their feed mix

'Drinkers' for water



Coffee husks for bedding



Can you see the drinkers, feeders (2 kinds) , pots and young chickens?



Older chickens





Each chicken can lay over 200 eggs a year

A	B	C	D	E	F
David Tyler Chicken Project - 14 months		UGX	UGX	NZ	NX
Item	Number	Cost per item	Total Cost		
EXPENSES					
Costs to set up at start of project					
Feeders	20	25,000	500,000		
Drinkers	20	26,000	520,000		
			1,020,000		
Costs for 14 months					
Chickens (layers)	500	4,200	2,100,000	820	1.64
Vaccination of chickens			450,000	175	0.36
Chicken Food for 14 months	5880 kg	1,200	7,056,000	2,800	5.40
Coffee husks for bedding for 14 months	50	15,000	750,000	290	0.60
Cost for 14 months			10,356,000	4,100	8.00
INCOME	Number of trays	Price per tray	Total Profit (8 months)		
420 eggs per day = 14 trays of 30 eggs					
14 trays x 30 days (one month) = 420 trays					
420 trays x 8 months = 3,360 trays	3,360	UGX 9500	31,920,000		
Sale of meat for one year at end of laying season	400 chickens	8000 per chicken	3,200,000		
Total Income from 14 months chicken project			35,120,000	13,675	27.00
Profit over 14 months			24,764,000	9,500	19.00
Chicken and Vaccinations	\$2 each				
Food and Bedding costs for 14 months	\$6 each				
Profit per chicken is	\$19 each				



**Drinkers, Feeders,
Pots and Charcoal**



**One day old chick including
vaccinations costs \$2**

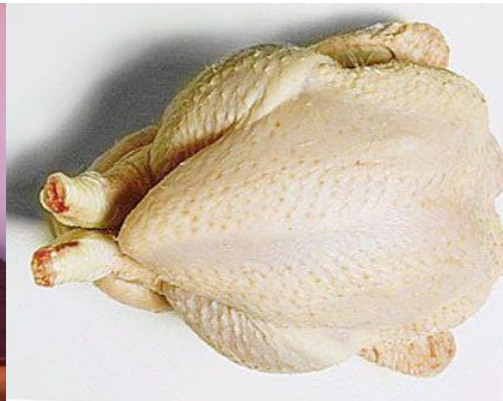


**Food and bedding for
12 months costs \$6**

**Total Cost
per chicken is \$10**



**Each chicken lays 25 eggs a month
for 9 months = 225 eggs.
Eggs sell for 12 cents each
One chickens eggs sell for
 $225 \times 12 \text{ cents} = \27**



**Chickens are sold for meat
at end of 8 months laying
season for \$3**

**Total Income per
chicken is \$30**



Newlands
INTERMEDIATE SCHOOL

Dugdale
Charitable Trust



UGANDA CHICKEN PROJECT 2021

Term 1 CHALLENGE

The 'Uganda Chicken Project' can be viewed on the Dugdale Charitable Trust website.

<https://dugdalecharitabletrust.co.nz/>



**\$10 will cover the cost of purchasing one chicken for the David Tyler School:
plus Bedding and Food for 12 months as well as Drinkers, Feeders and Vaccinations**

The Newlands School Challenge: Every child to fundraise \$10 (or more) by 1 April

You are being asked to earn the money yourself by doing some jobs for your family or neighbours. Each \$10 will pay for one chicken for Uganda. Some ideas to earn the \$10 would be:-

- Putting out the rubbish
- Drying the dishes
- Tidying the garden
- Helping to clean the car

CUT HERE

Name Class in 2021 Amount raised \$.....

The Dugdale Charitable Trust would love to hear how you earned the money for this Chicken Project?



Please bring the money to your class teacher by 1 April

The class that raises the most money will be given a prize of a small chicken coup for 4 chickens