

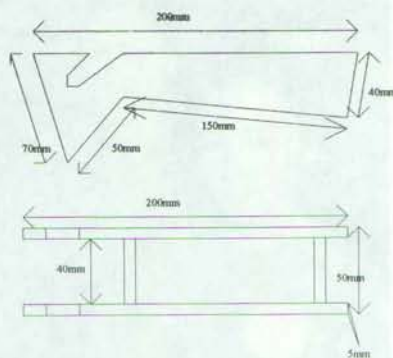
Our Project from Branston School and Community College for the British Gas Project

The members of our team are:
Christopher Cook, David Bennet,
Adam Penn and Matthew Coupland.

In our group we designed and made a device for disabled people which stops the pan rotating on there cooker hob when stirring.

The device can also be used to prevent children knocking pans off the hob. We called this device the Pan Hand.

RESEARCH



DAVID BENNETT
BRITISH GAS PROJECT

names like: Handy Helper, Pan Friend and Pan Helper. In the end we decided on Pan Hand. Later on we designed a package that was based round the name Pan Hand.

When we had made the Pan Hand we decided to send one or two out for people to test for themselves. We recorded these results on graphs.

The product was especially liked by mothers with young children.

To advertise the Pan Hand we decided to make some posters and a video. We did two video scripts and chose which one advertised the Pan Hand better.

We then designed the packaging for which we used the vacuum former. This worked by taking the Pan Hand measurements and making a wooden mould which vacuum-formed the plastic on top of the mould which made the Pan Hand shape.

RESEARCH

would find it hard to open the oven doors

Some people with different disabilities would find it hard to hold the pans

PHYSICALLY DISABLED

People in wheelchairs would find it hard to see if the water has boiled or the food is cooked

People with Multiple Sclerosis find it hard to stir while they are cooking

People in wheelchairs would find it hard to put the pans on the hob

We started off by doing our research into people's disabilities and how we could help.

During the research we brainstormed to see what sorts of disabilities there are and how these affected the use of the cooker.

The we set out to discuss and record what problems people with disabilities actually had. For this we asked a lady at our school who has a physical disability what problems she has.

We then decided how we could help disabled people with their problems in the kitchen.

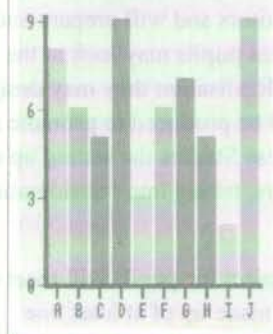
After the research if got progressively easier for us. We started to draw up some designs freehand for starters. The we used the Computer Aided Design (CAD). We came up with at least 10 ideas.

The came the difficult part of deciding which ones we should choose. In the end we decided on the Pan Holding device because Anne (the lady with the disability) had a problem stirring her pans and we thought it would be nice to base the project round her.

When we had finished deciding which design to make we started to investigate the best material to use. We decided upon aluminium because it is heat resistant, looks good and is easy to shape.

We then decided on a name for the device. We thought of lots of different

Opinions



Usefulness Out of 10

A	Mum	8
B	Dad	6
C	Brother	5
D	Mrs Hernish	9
E	Mr Hernish	3
F	Miss Trought	6
G	Ben	7
H	Jimmy	5
I	Sharon	2
J	Grandma	9

Also on the back of the packages we put the user instructions.

In the end we had a package, designs, research and development.

THE PAN



HAND

**IF YOU HAVE
TROUBLE WITH
YOUR HANDS AND
YOUR PANS GET A
PAN HAND.**

**AT A SPECIAL PRICE OF
£2.99 FOR A MAGNETIC BASE**

Research.

