

LESSON PLAN



LEARNING TARGET: Design a product to help people with leprosy to safely pick up cooking pots.

LEARNING OUTCOMES: Able to plan and design a product. Importance of using the correct materials.

GLOBAL DIMENSION CONCEPT/S INCLUDED: CONFLICT RESOLUTION / SOCIAL JUSTICE / **VALUES & PERCEPTIONS** / **SUSTAINABLE DEVELOPMENT** / INTERDEPENDENCE / HUMAN RIGHTS / DIVERSITY / GLOBAL CITIZENSHIP

CURRICULUM

Developing, planning and communicating ideas

1 a) generate ideas by drawing on their own and other people's experiences

1 c) talk about their ideas

Working with tools, equipment, materials and components to make quality products

2 a) select tools, techniques and materials for making their product from a range suggested by the teacher

Evaluating processes and products

3 a) talk about their ideas, saying what they like and dislike

3 b) identify what they could have done differently or how they could improve their work in the future

RESOURCES

The supporting PowerPoint for this lesson can be downloaded from our website at www.worldleprosyweek.org under Free lessons Key Stage One

KEY WORDS

Design
Material

LESSON ACTIVITIES

Introduction

Share with the children that it is World Leprosy Week (26 – 30 January). This year The Leprosy Mission is focusing on a project in Chanchaga, a rural village in Nigeria.

People who live with leprosy can suffer from 'claw hands' and from losing parts of their fingers. It is important that, where possible, they are supported to live independent lives. However, without having all their fingers they can find it very difficult to do very basic things like cook. There is also the added danger that due to loss of the sense of touch they can often burn themselves.

This is where you need to come in and lend a helping hand. We have a responsibility to help others, even people in other parts of the world. Can you think of a design that could be used by people affected by leprosy to do every-day chores? Here is what the product needs to do:

- Protect hands when picking up and putting down hot pots
- Be light enough that they can use their arm to lift it
- Be strong enough that it does not break
- Look nice enough that people will want to use it

Main activity

Bearing in mind the criteria above, can you think of a device that can help people with leprosy to do every-day chores?

Think about the following aspects:

- How is it joined together? Glue? Screws? Nails?
- What materials have you used?
- What will it look like?
- What equipment will you use to make it?
- How will you decorate it?

Turn to a partner and share your initial ideas. Now discuss them as a class and highlight the strengths and weaknesses of some of the plans.

Once the children have a reasonable idea of what they would like to design provide them with the design sheet (download from www.worldleprosyweek.org under Free lessons KS1 / DT) and ask them to write down their plans.



Plenary

Using the design guide, above, ask children to review a partner's design feeding back the strengths and weaknesses of the design. They can also use the evaluation form to review what they have done.

What would they do differently next time?

