



Unit one

Emily Cummins – القطعه الاولى

Page no 6/ Student Book

Emily Cummins began 'inventing' when she was only four. She enjoyed making things from waste material, like making toys from old things she found in her grandfather's garden.

As she got older, she learnt more about different materials and how to use different tools. She was working on a school project when she had an idea to help millions of people – a small, portable fridge to keep medicines or small food items clean, dry and cool.

In many parts of the world, people haven't got electricity. However, that doesn't mean **they** have to live without a fridge. Emily's fridge is ideal because it doesn't use electricity. People can build it using old car parts and other objects from their homes.

After she finished school, Emily went to Africa to work on her design. She spent five months in Namibia, testing out her fridge.

She decided not to produce the fridge for profit. Instead, she gave the design to people in Africa for free, so that they could produce their own portable fridges following her instructions.

Emily also invented a special water carrier. African women and children often have to walk long distances every day to collect water, and **they** can only carry a few containers at a time. However, with Emily's water carrier, they can carry up to five containers of water. She made the wheel out of tree branches and used old tyres to keep the containers in place. People can also use the product to carry firewood or other heavy objects.

Emily has won many awards, including Woman of the Year in 2009 CE (Common Era) and a 'Save-the-Planet' award in 2008 CE.

COMPREHENSION

3 Read the article again and answer the questions.

- 1 What do the pronouns in bold refer to?
- 2 How are Emily's products different from the usual ones we know of?
- 3 How did Emily develop her skills when she was younger?
- 4 Why didn't Emily sell her fridge design?
- 5 Other than water, what can the water carrier be used for?
- 6 What other low-cost inventions do you think Emily could make to make life in Africa easier?
- 7 What skills and qualities do you think one should have to make such inventions?

Research box

? Emily's fridge need electricity but a fridge need to make ice. How you use water electricity?

VOCABULARY

4 Find in the text...

- 1 two words that are parts of a car.

- 2 two words that mean something that holds another thing.

- 3 a word that means something you use for fixing things.

- 4 a phrase that means the opposite of 'for free'.

- 5 a word that means guidance you give to someone on how to do

- 6 a word that means a thing you get if you have done something that lots of people.

- 7 a word that means unwanted or unusable.

[illegible]

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