



## Lesson 6: Rubbish & Recycling- The Facts

### Learning Objective

- Understand and realise the interrelationships within the wider world in terms of global citizenship
- Identify ways in which people effect the environment

### Introduction:

Show children side A of product cards (**TEACHER RESOURCES- Product cards**). Can they guess what new item could be created by recycling this product. Turn the card over to reveal the new item.

### Main Activity:

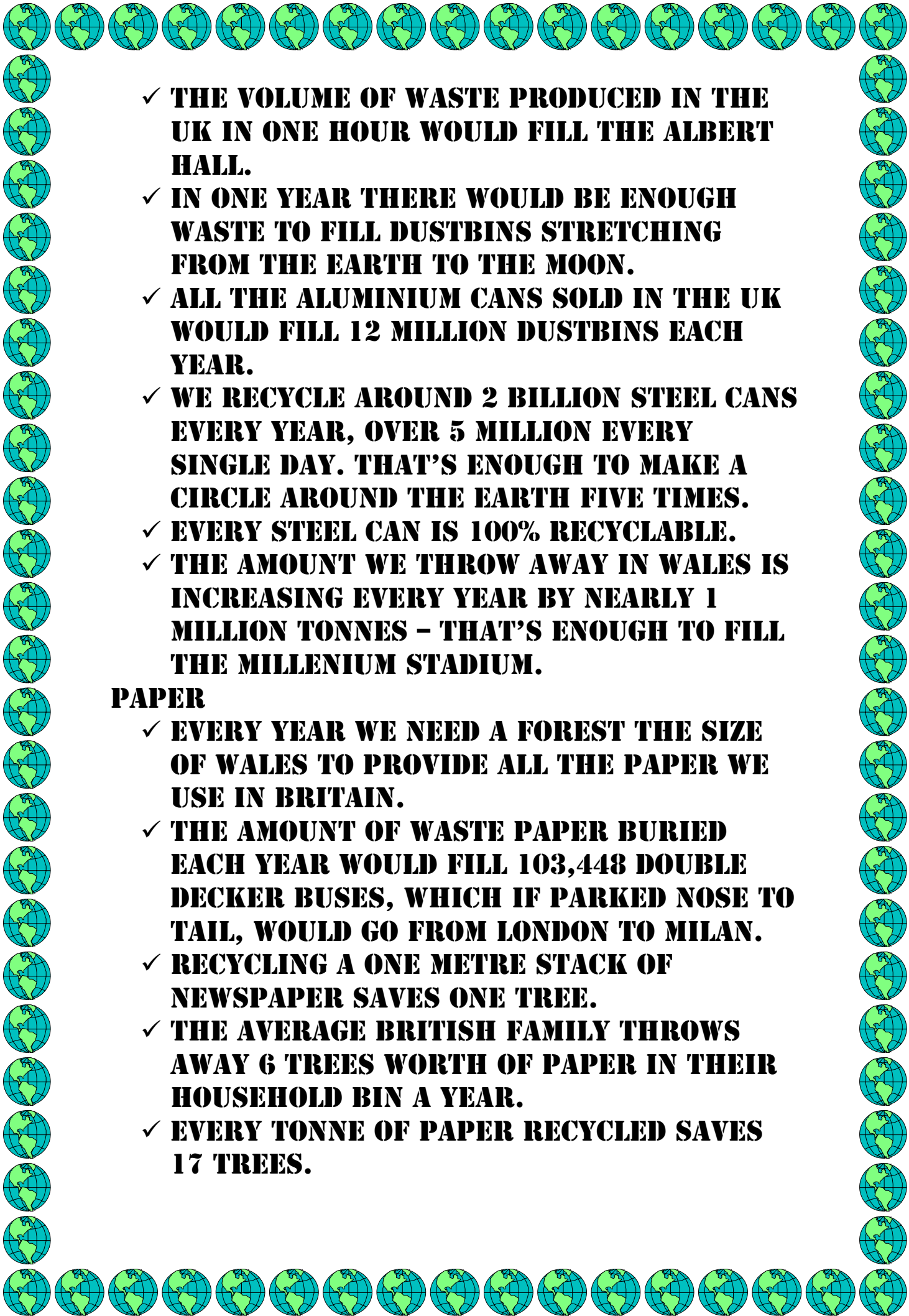
Discuss a selection of the Factual statements (**Teacher Fact sheet 2**). Individually illustrate one of the statements in poster form.

### Plenary:

Share posters and discuss facts.

## **RUBBISH AND RECYCLING FACTS**

- ✓ **IF YOU COLLECTED ALL THE RUBBISH YOU MAKE IN ONE YEAR, IT WOULD WEIGH TEN TIMES AS MUCH AS YOU DO.**
- ✓ **EACH YEAR IN BRITAIN, WE THROW AWAY 27 MILLION TONNES OF RUBBISH FROM HOME. THIS WEIGHS THE SAME AS THREE AND A HALF MILLION DOUBLE DECKER BUSES. A QUEUE OF BUSES THAT LONG WOULD GO AROUND THE WORLD ONE AND A HALF TIMES.**
- ✓ **WE FILL ABOUT 300 MILLION SQUARE METRES OF LAND WITH RUBBISH EVERY YEAR, THAT'S THE SAME AS COVERING THE PITCH AT THE MILLENIUM STADIUM 28,450 TIMES. TO WALK AROUND THE PITCH THAT MANY TIMES WOULD TAKE YOU FROM MIDNIGHT ON 1<sup>ST</sup> JANUARY UNTIL MIDDAY ON MAY 5<sup>TH</sup>.**
- ✓ **EVERYDAY 80 MILLION FOOD AND DRINK CANS END UP IN LANDFILL(BEING BURIED) – THAT'S ONE AND A HALF CANS PER PERSON. IN A YEAR, EACH PERSON COULD FILL A BATH WITH THE CONTENTS OF THESE CANS.**
- ✓ **EACH YEAR IN BRITAIN, WE THROW AWAY AND BURY CANS WORTH A TOTAL OF £24 MILLION – ABOUT 90 DRINKS CANS PER PERSON.**
- ✓ **THE UK USES ABOUT 12 BILLION CANS EACH YEAR. IF PLACED END TO END THEY WOULD STRETCH TO THE MOON AND BACK!**
- ✓ **DISPOSABLE NAPPIES TAKE 500 YEARS TO DECOMPOSE.**

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- ✓ **THE VOLUME OF WASTE PRODUCED IN THE UK IN ONE HOUR WOULD FILL THE ALBERT HALL.**
  - ✓ **IN ONE YEAR THERE WOULD BE ENOUGH WASTE TO FILL DUSTBINS STRETCHING FROM THE EARTH TO THE MOON.**
  - ✓ **ALL THE ALUMINIUM CANS SOLD IN THE UK WOULD FILL 12 MILLION DUSTBINS EACH YEAR.**
  - ✓ **WE RECYCLE AROUND 2 BILLION STEEL CANS EVERY YEAR, OVER 5 MILLION EVERY SINGLE DAY. THAT'S ENOUGH TO MAKE A CIRCLE AROUND THE EARTH FIVE TIMES.**
  - ✓ **EVERY STEEL CAN IS 100% RECYCLABLE.**
  - ✓ **THE AMOUNT WE THROW AWAY IN WALES IS INCREASING EVERY YEAR BY NEARLY 1 MILLION TONNES – THAT'S ENOUGH TO FILL THE MILLENIUM STADIUM.**

## **PAPER**

- ✓ **EVERY YEAR WE NEED A FOREST THE SIZE OF WALES TO PROVIDE ALL THE PAPER WE USE IN BRITAIN.**
- ✓ **THE AMOUNT OF WASTE PAPER BURIED EACH YEAR WOULD FILL 103,448 DOUBLE DECKER BUSES, WHICH IF PARKED NOSE TO TAIL, WOULD GO FROM LONDON TO MILAN.**
- ✓ **RECYCLING A ONE METRE STACK OF NEWSPAPER SAVES ONE TREE.**
- ✓ **THE AVERAGE BRITISH FAMILY THROWS AWAY 6 TREES WORTH OF PAPER IN THEIR HOUSEHOLD BIN A YEAR.**
- ✓ **EVERY TONNE OF PAPER RECYCLED SAVES 17 TREES.**



## **PLASTIC**

- ✓ **11 TWO-LITRE PET BOTTLES, CAN MAKE A MAN'S PAIR OF TROUSERS OR A 50 FOOT WASHING LINE.**
- ✓ **OVER 60% OF THE TOTAL PLASTIC WASTE IN WESTERN EUROPE IS PACKAGING.**
- ✓ **WE USE 390 MILLION CARRIER BAGS EVERY YEAR IN WALES - EACH 1 TAKES 500 YEARS TO DECAY.**

## **GLASS**

- ✓ **ALMOST 200 GLASS JARS AND BOTTLES ARE THROWN AWAY IN BRITAIN EVERY SECOND. WE USE OVER 6 BILLION GLASS BOTTLES AND JARS EACH YEAR. IT WOULD TAKE YOU OVER 3,500 YEARS TO SING "SIX BILLION GREEN BOTTLES".**
- ✓ **ON AVERAGE EVERY FAMILY IN THE UK CONSUMES AROUND 500 GLASS JARS OR BOTTLES EACH YEAR.**