

The Possibilities Are Endless Workshop (Key Stage 2)

Somerset Waste Action Programme

<i>Please Note: The activities included this workshop may vary depending on your School's specific circumstances and the Waste Action Officer attending. When you book your workshop we will discuss your needs with you.</i>	
Duration of Workshop : 1.5 Hours	
National Curriculum Links: Science: Sc3 Materials and their properties Geography: 5a/b Knowledge and understanding of environmental change and sustainable development Citizenship: 2a+j Preparing to play an active role as citizens 4b Developing good relationships and respecting the differences between people Design and Technology: 2d Working with tools, equipment, materials and components to make quality products Art and Design: 2a Investigating and making art, craft and design	
Links to DCSF/ QCA Schemes of work: Science –3C Characteristics of materials Geography- Unit 8 Improving the Environment, Unit 24 Passport to the World Citizenship- Unit 5 Living in a diverse world Literacy Strands: Speaking, Listening and Responding	
Objectives for the lesson: <ul style="list-style-type: none"> • To think about what happens to rubbish in the UK and how this compares to other countries. • To investigate more sustainable alternatives to land-filling rubbish (reduce, reuse, recycle). • To investigate how rubbish can be re-used creatively, using the Doy Bags community project in the Philippines as a case study. • To re-use rubbish using techniques similar to those used by Doy Bags. 	
Common difficulties, errors and misconceptions: <ul style="list-style-type: none"> • That all refuse gets recycled. • Confusion over what can be recycled in kerbside boxes at home. • Confusion over the meaning of the 3Rs, especially Reduce. • That other countries deal with their rubbish in the same way as we do in the UK. 	
Assessment Criteria: <ul style="list-style-type: none"> • Students recognise the benefits of the 3 Rs as sustainable alternatives to land-filling waste • Students recognise how they can put the 3 Rs into practice. • Students recognise that people from around the world have a variety of attitudes towards waste. 	
Vocabulary: Landfill, reduce, reuse, recycle, SWAP, kerbside collections, waste, rubbish, compost, Philippines, weaving, template.	
Resources to be provided by School: Clean drinks cartons (one 1litre carton per child) or cereal boxes, clean crisp packets (1 or 2 per child), scissors, glue and sellotape, table coverings, interactive whiteboard or projector and screen.	Resources to be provided by SWAP: PowerPoint presentation; examples of products made from rubbish (including Doy bags juice carton bag, purse, coaster etc); examples of woven animal bookmarks; bookmark templates; permanent pens; craft knife and cutting board; spare cartons and crisp packets.
Strategies: Introduction: Use Power-point presentation to introduce and discuss the issue of waste disposal. What happens to rubbish in the UK? Is this the same all over the world? What could we do instead? Talk about more sustainable alternatives: Reduce, Reuse, Recycle.	
Development: <ul style="list-style-type: none"> • Focus on 'Re-use': What rubbish do you re-use? How do you re-use it? 	

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- Introduce the situation in the Philippines: Give back ground information and introduce the Doy bags community project: What type of rubbish do they collect and how do they re-use it? What are the benefits of this?
- Look at the examples of Doy Bag products: How have they been made? How does this relate to traditional Filipino crafts?
- Describe what we are going to make out of rubbish- Woven animal bookmarks based on animals from the Philippines: Sea turtle, tropical fish, crocodile, butterfly.
- Explain and demonstrate how to make a bookmark step-by-step:
 1. Open out carton, clean and dry.
 2. Draw around animal template onto carton using permanent pen.
 3. Copy the internal horizontal lines from the template onto your animal.
 4. Cut out animal shape.
 5. Cut horizontal lines (fold animal in half down middle and cut along lines) to give 'slits' along the animal's body.
 6. Cut strips of crisp packet or plastic bag
 7. Weave crisp packet strips over and under the slits in animal's body. Ensure that the start of each woven strip alternates between 'over' and 'under' the slits in the bookmark to give colourful pattern.
 8. Cut off excess crisp packet strips and secure with glue or sellotape.
 9. Add any further decoration with permanent pens.
- Extension activity if time: The 'What's it made of?' game: working in small groups the children look at a variety of products made from rubbish from around the world and discuss what they are made from and where they have come from.

Plenary: Think about what we have done today. What can we learn from people in the Philippines? What are the 3 Rs? Which of the 3Rs have we done with our rubbish? What else can we do to practise the 3 Rs?