

Guidance for Teachers

Sustainability *first*

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Turning Waste into Art

Sustainability *first*

Equipment:

- Cardboard or plastic (recycled)
- Pen, pencil and eraser
- Scissors
- String or wire
- Needle or pin
- Paper fastners
- Masking tape
- Stick or bamboo skewer
- Old coins
- A torch
- Device to play the video



Main concepts:

- How to use waste materials creatively
- Making a shadow marionette figure using waste cardboard
- Telling a story about climate change, working collaboratively in small groups to perform a shadow marionette show

Curriculum Linking:

- England

Art and Design: Pupils should be taught to develop their techniques, including their control and their use of materials, with creativity, experimentation and an increasing awareness of different kinds of art, craft and design.

- Scotland

Expressive Arts: I can create and present work that shows developing skill in using the visual elements and concepts.
Expressive Arts: I have the opportunity to choose and explore an extended range of media and technologies to create images and objects, comparing and combining them for specific tasks. EXA 2-02a

- Wales

Art and Design: Pupils should be given opportunities to 1. describe and make comparisons: • between their own work and that of others 2. experiment with and examine the methods used by other artists, craftworkers and designers from different: • periods • places • cultures and to investigate the natural and made environment using a variety of materials.

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Step by Step (continued)

- Imagine a character you would like to make - this could be person, animal, object or something from your imagination.
- Draw your character on the cardboard. You can use photographs as reference. You will need to simplify the figure, focusing on its outline. Think about your shadow. You will need to draw any moving parts like arms or legs separately.



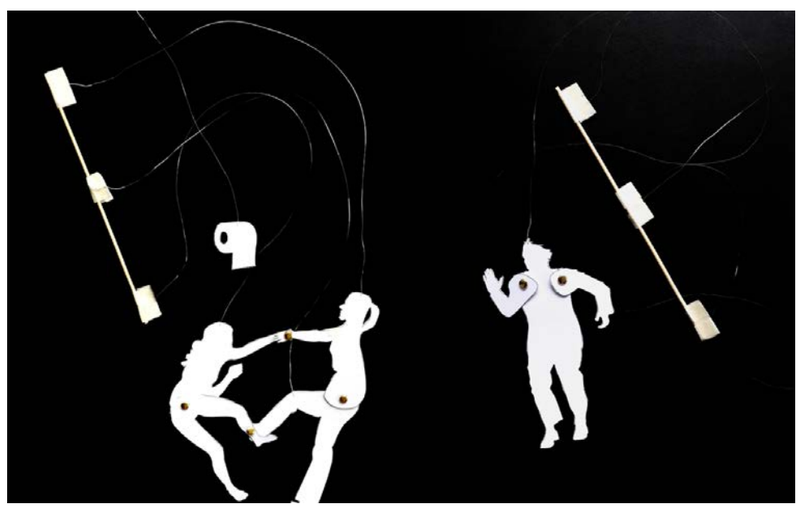
- Cut out your character with scissors.
- Add paper fasteners at the joints (such as
- arms or legs) for movement. Decide the points where you want to tie your strings. Make holes, and add string or wire.
- Attach the string or wire to a stick or bamboo skewer. It is best to do this with masking tape so you can easily adjust it. You could alternatively tie a knot. You could also add sticks from the bottom rather than strings from the top.



- You may need to add a weight to the cardboard so that it stays the right way up. You can do this by taping an old coin to the back of the character.
- To perform you can shine a torch behind the cardboard character, so that its shadow appears on the wall.
- To create a story, work in a small group (3-4 pupils). You will each introduce your character with their name and a description. You will create a 5 minute story together which includes all of the characters.



- You can introduce the characters, increase the action or conflict, to a climax, then resolve the conflict and show what might happen to the characters in future.
- Rehearse the performance, including who will hold the puppets and torch, can you make any sound effects? Share your performances with your classmates.



Share with us so we can learn with you!

Make sure to upload your work here so we can learn with you and share your work widely with waste experts at our June 15th pupils' assembly!

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