

GGA Knowledge Organiser Year 3 Design & Technology - Rainforests – Musical Instruments & Tribal costume - Summer

Equipment

FPT – Focussed Practical Task

This is a small practical investigation, a mini focus on an aspect of your design. E.g. Trial dried foods make in their containers e.g. pasta, rice or dried peas to hear the sound they make before committing to a final container combination.

Cylinders

These are 3D shapes which can be used as shakers. A piece of fabric can be stretched over the top and secured with an elastic band. They can also be made into **percussion** instruments and hit to make a sound.



Tubes

Straws that can be cut to different sizes to make a different **pitch** depending on the length



Embellishments

Add surface decoration using brightly coloured paint, beads, sequins feather & coloured paper.



Headdress

A measure of the circumference of your head means the main band will fit you before properly.



Vocabulary

Pitch

Pitch is how high or low a note sounds.

Percussion

Musical instruments played by striking with a beater e.g. drums

Costume

An outfit designed to be worn to celebrate a special occasion

Embellishments

To decorate the surface of a design with a pattern or other small objects like beads, buttons, sequins, feathers, glue on shapes etc.



Cross Curricular Opportunities

Maths

Measuring and marking out your templates to ensure the right fit and size for the job e.g. a headdress. 3D shape investigations for packages/best effect.

History

To understand how the Amazons used ceremony to celebrate & worship their gods using costume and music.

Art

To re-create the look of an Amazonian tribal ceremonial costume using embellishments.

Music

Using different containers and vessels to make different musical percussion sounds.

Science

Considering pitch, tone and volume in preparation for the 'Sounds' investigation in Year 4.

English

Evaluating your product in your DT booklet

PSHE & Values

Creativity, Perseverance, Patience & Accomplishment

Why are we learning this?

To know how to:

upcycle and refine packaging and combine it with DT resources to turn into new and usable objects



Why is it important?

So that we understand how to:

create ceremonial Amazonian objects and equipment e.g. Headdresses and musical instruments.

