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# Integrating migrant children in schools through artistic expression



## Module 5: Celebration Theme 5C: Recycled Orchestra

Prepared by Bath Spa University

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# Theme 5C Focus: Recycled Orchestra

## Theme 5C Learning Activities explore:

- ▶ **Visual Art:** Creating sound sources and instruments that reflect the theme of celebration by transforming recycled material.
- ▶ **Music:** Creating rhythms and melodies for a particular purpose. Layering sounds in parts to play individually and as a group.
- ▶ **Performance:** Promoting confidence in performing individually, in pairs and as a larger group with instruments and movement.
- ▶ **Literacy:** Giving and responding to directions. Sharing ideas and understanding of celebration, diversity and shared culture with peers and the community.

# Learning Resources and Materials

## Materials:

Cardboard boxes, plastic or cardboard tubes, elastic bands, string, tape, balloons, pens, plastic boxes, wooden sticks, metal tins/bins, coloured paper, natural/garden materials, recycled packaging, scissors, saw, knife, glue, glue-gun.

## Resources:

Additional weblinks and audio clips provide exemplification and support

Printable flashcards



# All Levels Learning Activities:

- Using empty containers, find out how many different sounds you can make.
- Can you play loudly/quietly?
- Can you scrape, shake or strike the container?
- Can you put some of the sounds together to make a pattern?
- Can you adapt or modify the containers to make different sounds?
- What other everyday objects make interesting sounds?
- Explore!



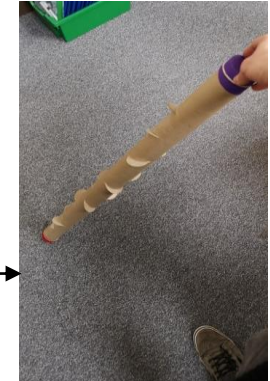
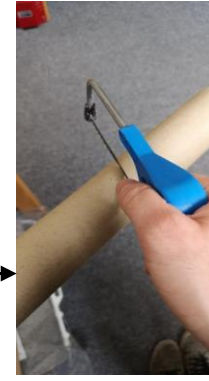
# Level 1 Learning Activities: Making Rhythms

Using junk materials, make groups of instruments:

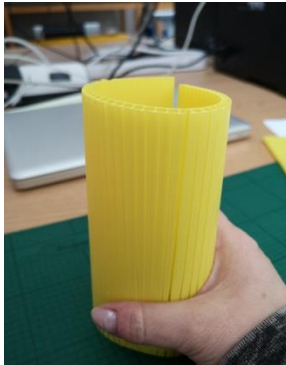
Drums



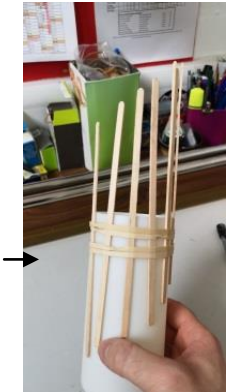
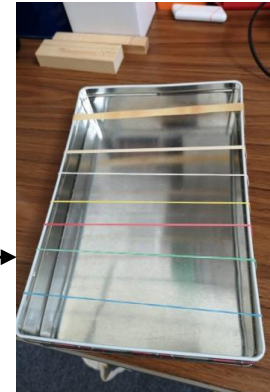
Shakers



Scrapers

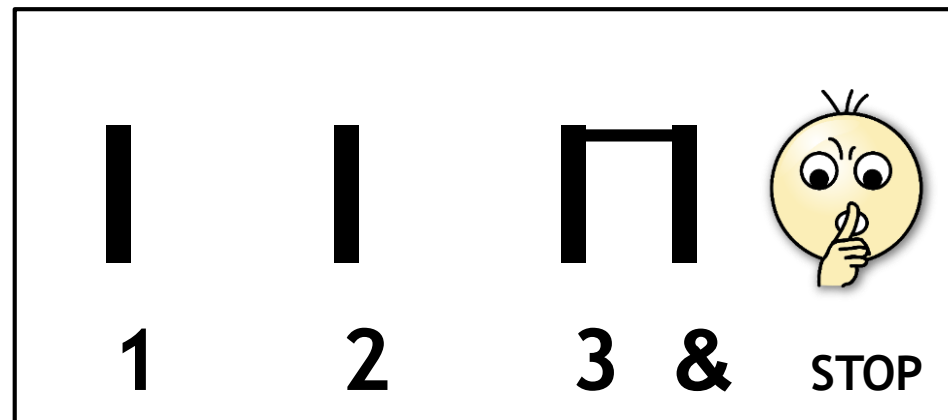
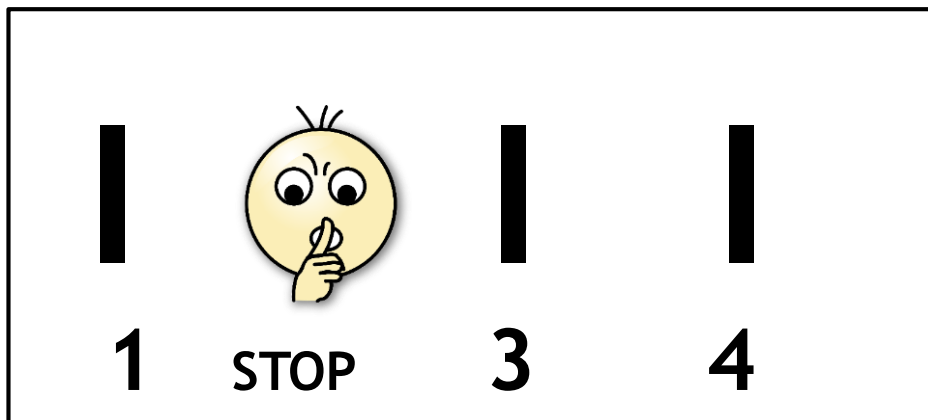
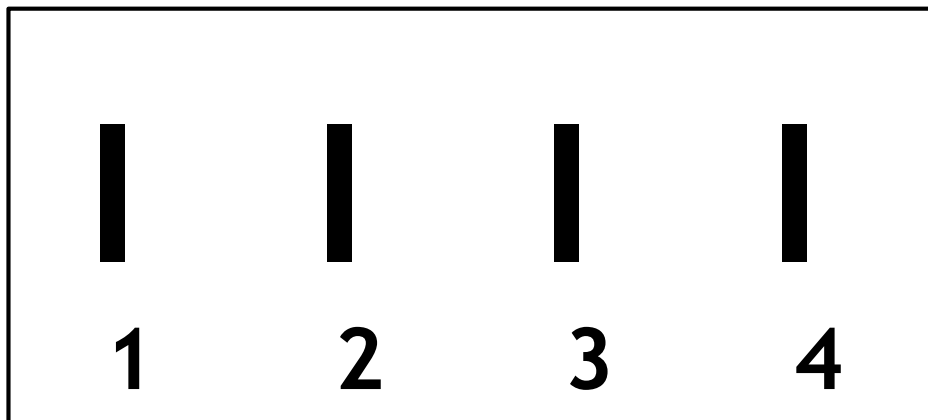


Plucked



For other ideas have a look at these [videos](#)

**Rhythm Patterns:** Try playing these rhythm patterns based around 4 beats.  
A leader plays first then the group copy.  
Next, someone plays one of the rhythm patterns. Which one are they playing?





## A Rhythm Celebration!

Each group of instruments plays a different rhythm pattern and everyone plays together. Try changing which instruments play each rhythm. Which version sounds best?

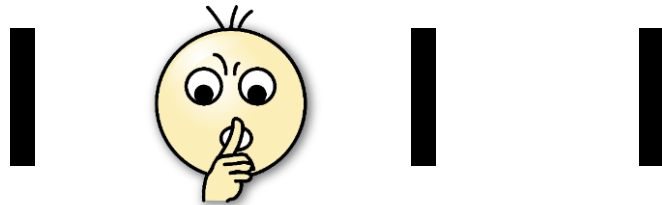
DRUMS



SHAKERS



SCRAPERS



PLUCKED



# Making music to celebrate!

We can use our bodies to make music too!

- ▶ Have a go at making some body percussion.
- ▶ How many different sounds can you make with your hands, feet and mouth?
- ▶ Use some of the rhythm patterns and some of your own to make your own body percussion piece like this?

[www.youtube.com/watch?v=5AhrTeBVW4M](https://www.youtube.com/watch?v=5AhrTeBVW4M)

- ▶ Make some music to celebrate a festival!



[www.youtube.com/watch?v=uuSuKKFzaho](https://www.youtube.com/watch?v=uuSuKKFzaho)



# Level 2 Learning Activities: Making Melodies

Making tuned pipes ('Boomwhackers'). Have a listen [here](http://www.youtube.com/watch?v=s5PovvrthqU&feature=youtu.be)  
[www.youtube.com/watch?v=s5PovvrthqU&feature=youtu.be](http://www.youtube.com/watch?v=s5PovvrthqU&feature=youtu.be)

Resources: plastic tubing (5cm diameter), ruler/measure, scissors, wire cutters, balloons or coloured stickers.

Cut tubes to these lengths:



Length	Colour	Pitch
130cm	Red	Low C
120cm	Orange	D
105cm	Yellow	E
100cm	Light Green	F
90cm	Green	G
80cm	Purple	A
70cm	Magenta	B
65cm	Red	High C



Wrap the correct coloured balloon around the tube



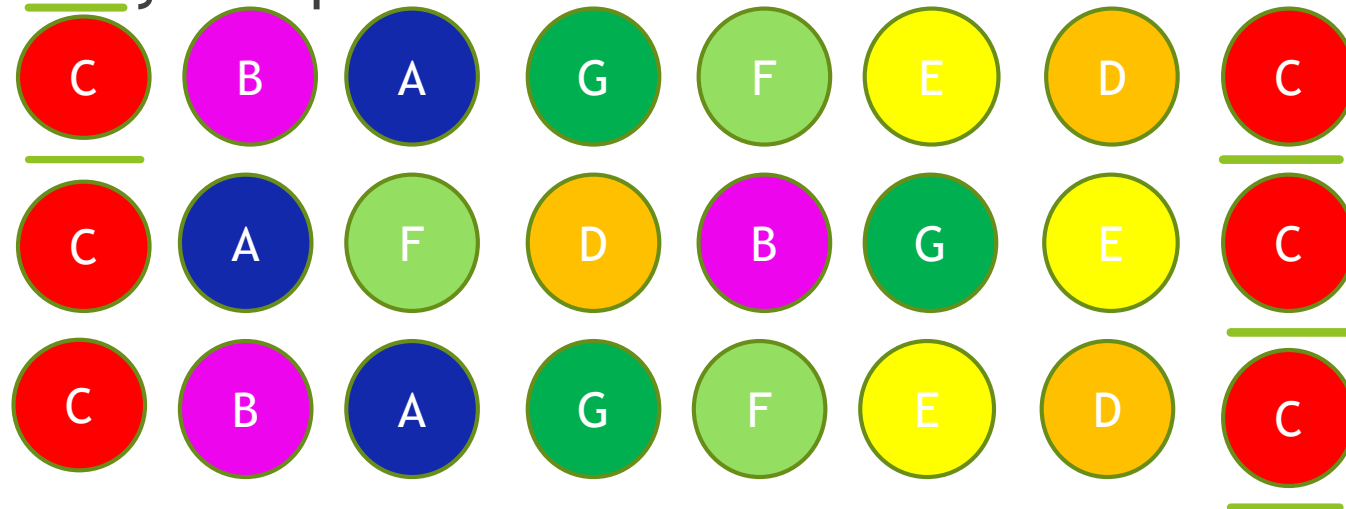
# Melody games!

- How can your tube make a sound? Hit it on your hand? Strike it with a stick?
- Can you stand in order...lowest to highest? (Longest to shortest)
- Play the tubes low to high. Now high to low.



Play it quickly / slowly.  
Play it loudly / quietly.

Try this piece: **‘Bells’**



(Play this line twice)

# Celebration!

Work in pairs. Play on the large numbers, stay silent on the small numbers.  
Build the piece in layers. Can you add some movements to your performance?

		1	2	3	4	5	6	7	8
		1	2	3	4	5	6	7	8
		1	2	3	4	5	6	7	8
		1	2	3	4	5	6	7	8

Can you add other percussion instruments?

# A Recycled Orchestra: Making Music to Celebrate

Have a look at this recycled orchestra...

[www.youtube.com/watch?v=yDQ6c\\_bLr2o](http://www.youtube.com/watch?v=yDQ6c_bLr2o)

What other instruments could you make to play melodies?

See if you can 'find' a melody that you already know. Teach it to a friend.

Have a go at playing along to these:

[www.youtube.com/watch?v=9g-u7P53dns](http://www.youtube.com/watch?v=9g-u7P53dns)

[www.youtube.com/watch?v=Mo0hFb0b4eQ&t=105s](http://www.youtube.com/watch?v=Mo0hFb0b4eQ&t=105s)

[www.youtube.com/watch?v=fol9IcYK77E](http://www.youtube.com/watch?v=fol9IcYK77E)



Acknowledgements: The music of junk (CC-BY-SA-4.0) [https://commons.wikimedia.org/wiki/File:The\\_Music\\_of\\_Junk.jpg](https://commons.wikimedia.org/wiki/File:The_Music_of_Junk.jpg)

Instruments made from recycled metal (CC-BY-2.0) [https://commons.wikimedia.org/wiki/File:Instruments\\_made\\_from\\_recycled\\_metal\\_\(14350937984\).jpg](https://commons.wikimedia.org/wiki/File:Instruments_made_from_recycled_metal_(14350937984).jpg)



# Level 3 Learning Activities: Sound Sculpture

- ▶ Artists create Sound Sculptures to provide visual and aural stimulation



Sound Reflectors California (CC BY-SA 2.0)

[https://commons.wikimedia.org/wiki/File:Sound\\_reflectors,\\_hilltop\\_art,\\_Seal\\_Point\\_Park,\\_City\\_of\\_San\\_Mateo,\\_California\\_\(6864389448\).jpg](https://commons.wikimedia.org/wiki/File:Sound_reflectors,_hilltop_art,_Seal_Point_Park,_City_of_San_Mateo,_California_(6864389448).jpg)



Bells Sculpture (Pixabay CCPD)

<https://pixabay.com/photos/bells-circle-sculpture-art-sound-966961/>

# Level 3 Learning Activities: Sound Sculpture

Watch and Listen to Sound Sculptures by artists of different ages:

- ▶ "The Wing" Sound Sculpture Solo - Marilyn Donadt Percussion

<https://www.youtube.com/watch?v=NbnKlu2f4dA>

- ▶ Michele Spanghero "Echea Aeolica" (2015) sound sculpture

<https://www.youtube.com/watch?v=EVaMOPh3eUI>

- ▶ Wintergatan - Marble Machine (musical instrument using 2000 marbles)

<https://www.youtube.com/watch?v=lvUU8joBb1Q>

- ▶ Children of Bakoa make a sound sculpture at Listen Playground workshop

<https://www.youtube.com/watch?v=9UrcNMzyzel>



# Level 3 Learning Activities: Natural Sound Sculptures

Sound Sculptures made by Level 3 UK students working with artists:



**Resources:** natural/organic materials garden canes & withies, recycled garden clippings, tree stumps, bark etc.

**Tools:** cutting tools



Photo credit: June Bianchi



# Level 3 Learning Activities: Recycled Sound Sculptures

Sound Sculptures made by Level 3 UK students working with artists:



**Resources:** recycled cardboard, plastic & card packaging; newspapers & glue for paper mache, modroc & plaster; paint.

**Tools:** cutting tools, scissors, glue-gun



Photo credit: June Bianchi



# Level 3 Learning Activities: Sound Sculpture

**Sound Sculptures made by Level 3 UK students working with artists:**

**Method** - work collaboratively sharing expertise and ideas:

- Look and listen to sound sculptures in this presentation and online for inspiration.
- Share ideas for your sound sculpture - it can be based on an existing musical instrument or can be a new creation.
- Develop designs - consider sound & visuals and the Effect of elements like wind.
- Collect natural and recycled materials.
- Construct sound sculpture using materials & tools e.g. cutting tools, scissors, glue-gun, paint, brushes etc.
- Make - paint/varnish - and play!!

Photo credit: June Bianchi





# All Levels Learning Activities: Celebration Event

- ▶ Create an event where **Celebration** art, music, performance and food is shared with family, friends and the community.
- ▶ Share food, music, dance and art from different families and cultures to develop understanding and awareness.
- ▶ Celebrate what you share and what makes you distinctive!

Photo credit: June Bianchi



# Further Learning Resources:

- ▶ Landfill Harmonic

<http://www.landfillharmonicmovie.com/>

- ▶ Global Music Youtube

[https://www.youtube.com/channel/UCGyABfRvJXGm-wiJqy\\_lVaQ](https://www.youtube.com/channel/UCGyABfRvJXGm-wiJqy_lVaQ)

- ▶ World Music Network

<https://worldmusic.net/blogs/guide-to-world-music>

- ▶ All Around This World

<https://www.allaroundthisworld.com/listen/#.XK3H8utKjOQ>

- ▶ KidWorldCitizen

<https://kidworldcitizen.org/category/music/>