

The Water Cycle

Water Xylophone



A water xylophone is a fun way of experimenting with water to create sound. By using simple supplies, you can spend endless time making sound and playing music. When you tap the glass, you create a **vibration** in the air of the glass. This is called a **sound wave**. The vibration travels up the glass to create the sound. The more water in the glass, the slower the vibration travels creating a low sound wave. The less water in the glass, the faster the vibration travels creating a higher sound wave.

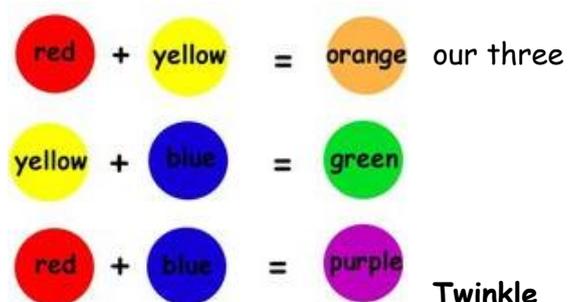
This is a great way to learn how to make music and understand rhythm and pitch. Music is also a fun way of strengthening memory skills for early numeracy and literacy development. Enjoy making sound with water!

Materials needed:

- 6 glasses (all the same shape and size)
- Spoon
- Water
- Food colouring (optional for some colourful joy!)

1. Place 6 glasses in a row.
2. Pour 6 different levels of water and drop in different colours of food colouring (similar to the picture at the top of the page).
3. Tap with a spoon to listen to the different pitches of sound waves.

Here is a reminder of what colours we can make from primary colours.



Here is a link to watch how to make a xylophone and play **Twinkle Little Star**:

[DIY How to Make a Colorful Musical Water Xylophone - Bing video](#)

Enjoy learning about and experimenting with water from Gillian

Watercolour Painting



Here's an idea! With the water from your Xylophone, why not make a water colour painting using a pipette, a dropper and a syringe to drop and squirt water onto a page and watch how the colours mix. You might end up with a nice colourful painting or a muddy puddle but the process of watching colours mix and using fine motor skills is the main aim. Enjoy!

Material needed:

- Watercolours
- Dropper
- Syringe
- Pipette
- Paper
- Tray



Here is a link to a storybook about an artist Helen Frankenthaler who liked to paint puddles of colour:

[\(14\) Dancing Through Fields of Color: The Story of Helen Frankenthaler - YouTube](#)

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