

# Sample Tray Art

## DID YOU KNOW?



Cambridgeshire institutions, such as The Wellcome Trust, are helping to solve some of the biggest problems facing the world today, through ground-breaking genetics research. The scientists and geneticists use pipettes to add biological samples in a liquid solution to 'well culture plates' for analysis. Can the children use their fine motor skills to add samples of coloured liquids to a yogurt pot 'sample tray' to create a picture?

## RESOURCES:

- Small yogurt pots (fromage frais size)
- Board / tray to attach pots to
- Double-sided sticky tape / sticky tack / adhesive spots
- Food dye or paint to colour the water
- Water
- Pipettes, water jugs / measuring jugs



## PREPARATION:

1. Collect a number of small pots, such as yogurt pots, or small cups. Clean thoroughly.
2. Use glue, double sided sticky tape or sticky tack to secure them in a grid pattern on to thick card or a plastic tray.
3. Mix coloured liquid, using food dye, or water colour paint / paint powder.

## ACTIVITY:

Using small pouring equipment, such as small water jugs, the children will carefully pour coloured liquid into the pots on the grid in order to make a simple picture or pattern. Provide them with different tools for pouring - jugs, cups, ladles, craft syringes. Support them to pour the liquids carefully.

## ALTERNATIVE TO COLOURED WATER:

Coloured sand, coloured beads, or samples of natural materials found in outdoor areas could be added to the sample tray in order to create a picture as a dry alternative.

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