



AT HOME #16

EXCITING EXPERIMENTS IN COLOUR

MATERIALS YOU NEED

COLOUR-CHANGING MILK

- Large plate
- Milk – full cream or skim
- Food colouring: blue, red, and yellow
- Small dish of dishwashing detergent
- Cotton buds

MELTING COLOURS

- Ice cube tray
- Three glasses of water
- Food colouring: blue, red, and yellow
- Four empty glasses

CREATE YOUR OWN COLOUR EXPERIMENTS

COLOUR-CHANGING MILK

- 1 To set up for your experiment, pour the milk onto the plate so that the whole surface is covered.
- 2 Add two drops of each food colour in the centre of the plate.
- 3 Dip one end of a cotton bud into the dishwashing detergent, soaking it completely.
- 4 Gently touch the detergent-soaked tip into the milk in the centre of the plate and watch what happens next! Can you describe the movement of the colours and milk in the plate? What new colours are being created?
- 5 Experiment more by adding different colours or adding more detergent. What happens when the colours are on one side of the plate and the detergent on the other?

MELTING COLOURS

- 1 To begin your experiment, colour each glass of water with one colour: blue, yellow, and red. These represent the primary colours. All other colours are created by mixing these three colours in different combinations.
- 2 Gently pour each coloured water into different single moulds of the ice cube tray. Freeze overnight.
- 3 Once your ice cubes are frozen, pop them out of the ice cube tray onto a plate. In each glass, place two different coloured ice cubes, and in a fourth glass place one of each colour.
- 4 Add a small amount of water to each glass and place all four glasses in the sun. What happens to the water as the ice cubes begin to melt? What new colours are created?

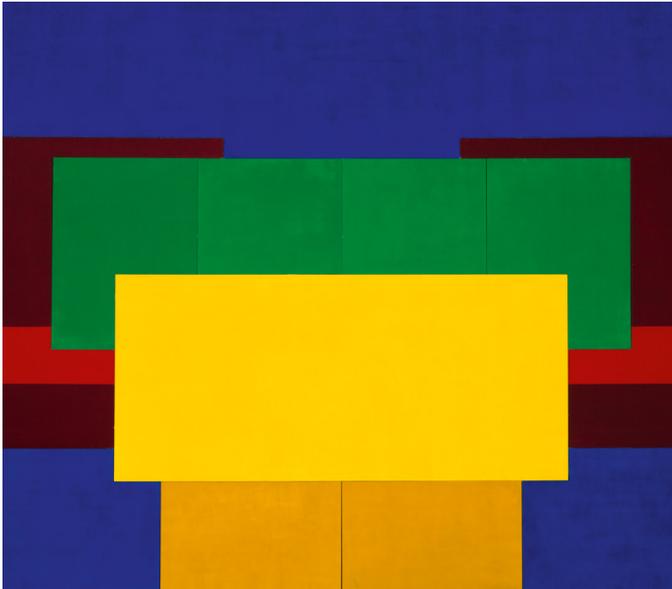


image detail: Sydney Ball, Australia, 1933 – 2017, *Banyon Wall*, 1967–68, Collinswood, South Australia, synthetic polymer paint on canvas (combination of separate panels), 330.2 x 396.2 cm; Gift of Mr Elliot Aldridge 1970, Art Gallery of South Australia, Adelaide, © Art Gallery of South Australia

ABOUT THE ARTIST

Sydney Ball was born and raised in Adelaide, South Australia. He studied at the South Australian School of Art and moved to New York in 1962, before returning to Australia in 1965. While in New York, Ball became interested in the idea of colour in abstract art. Abstract art is a style that focuses on shapes and colours to represent feelings and thoughts, rather than illustrating real objects, people or places.

ABOUT THE WORK

Banyon Wall is an example of Ball's focus on colours and shapes. The work of art is created using different shaped canvases that are joined together to create areas of colour with crisp edges. What type of shapes can you see? Which colours seem to stand out from the painting and come towards you? Which ones recede?

BE INSPIRED

Sydney Ball *Banyon Wall*, 1967–68 is currently on display in Gallery 17.

FINISHED? We would love to see your work! Ask your parent or guardian to post a photo on Instagram and tag the Art Gallery of South Australia

 @artgalleryofsa #startatthegallery

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