

COUNTING COLOURS

EXPERIMENTING WITH EARLY
YEARS LEARNING.

Health and Wellbeing;

In everyday activity and play, I explore and make choices to develop my learning and interests. I am encouraged to use and share my experiences. HWB 0-19a

Writing;

As I play and learn, I enjoy exploring interesting materials for writing and different ways of recording my experiences and feelings, ideas and information. LIT 0-21b

Numeracy and Mathematics;

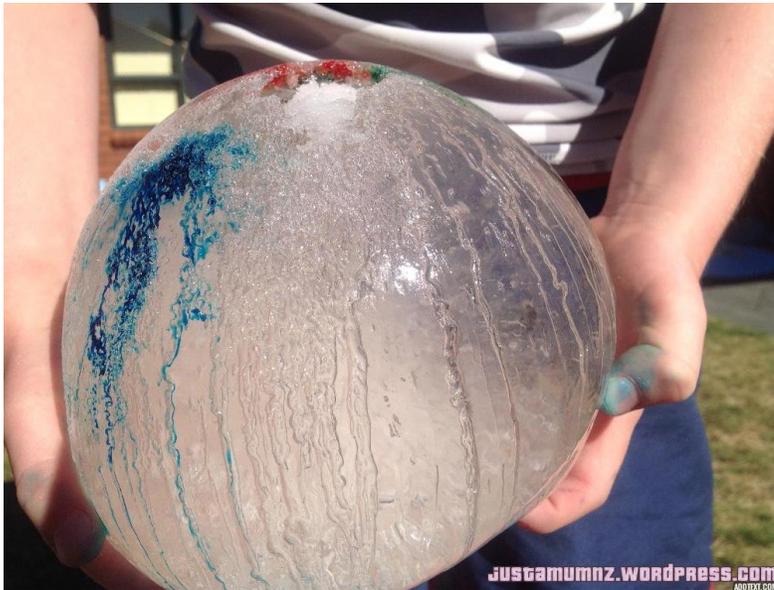
I have explored numbers, understanding that they represent quantities, and I can use them to count, create sequences and describe order. MNU 0-02a

I am developing a sense of size and amount by observing, exploring, using and communicating with others about things in the world around me I can share ideas with others to develop ways of estimating the answer to a calculation or problem, work out the actual answer, then check my solution by comparing it with the estimate.

MNU 1-01a . MNU 0-01a

Sciences:

By investigating how water can change from one form to another, I can relate my findings to everyday experiences. SCN 0-05a / SCN 1-05a



BALLOON FREEZING

- Place a mixture of coloured beads or buttons into a balloon.
- Fill up the balloon with water and tie off. Place it outdoors or in a freezer (depending on the weather).
- Check the balloon later in the day by feeling to see if it has frozen. Draw a picture or make a tally chart to record how many times you have checked the balloon.
- When frozen cut the top off the balloon and peel off the balloon until the ice sculpture is completely visible.

MELTING & MIXING

Allow your child to experiment with the ice using a mixture of different items. This can be done by providing paints/ food colours for mixing and pouring over the ice.

- Is the ice melting ?
- What colors can you see?
- What happens when you pour salt on top?

Suggestion; If you have scales available this could be useful to see the size and weight reduce.

Pen and Paper are great for mark making or recording findings. Your child could take some photos and you could Tweet them to us @HazeldeneFamC



CLICK TO ADD TEXT

When Ice has melted and buttons are loose, Match buttons to coloured tubs. This can be done using hands or tweezers. After colours are matched to tubs, you can now count the individual colours and note this in a note pad or drawing.

Extended activity: Freeze the left-over water and food colouring overnight in containers. In the morning if the water has turned to ice break apart the sculpture and investigate the ice crystals/colours.

