

Understanding the World

Science:

Repeating patterns in nature: life cycles (humans, frogs, butterflies, plants).

Planting seed to grow different plants, e.g. cress, flowers. What do they need to grow?

Observe the tadpoles in maze area over time.

Seasons and weather changes.

Geography/History:

Look at patterns from other cultures/countries.

Animal patterns – how these help some to camouflage in their environment.

The Monarch family tree

Computing:

Create patterns/drawing using Colour Magic (repeating patterns, symmetrical patterns)

Trips: Visit Kew Gardens

Communication, Language & Literacy

Role Play Area: Clothes Shop (different patterned clothes including those from different cultures).

My Seed/Bean Diary (non-fiction text). Instructions on planting seeds. Life cycle labels and diagrams.

Patterns in stories – there's always a problem to be solved.

Patterns in language: poetry/rhyme, alliteration and grammar, e.g. same sentence but change speech verb/adjective, e.g. I looked out the window and saw a _____ lion. 'Guess what?' _____ Sam.

Interview characters from stories.

Texts:

Elmer (patchwork pattern), The Tiny Seed, The Enormous Turnip, The Tadpole's Promise, The Very Hungry Caterpillar, Butterfly Kiss, The Ugly Duckling, The Odd Egg, The Mixed Up Chameleon, Joseph's Coat of Many Colours. Find me a tiger by Lynley Dodd. Simplified version of Joseph's coat of many colours. Aliens Love Underpants.

* Clothes shop book?

Personal, Social & Emotional Development

Children to bring in own outfit of patterned clothes to wear for a session during the school day. Cat walk?

Patterns from other cultures/countries – Kente cloth, tie dye, Scottish tartan, Filipino traditional dress.

Children's own family trees (link to life cycles).

Growing older – changing – caring for elderly in our community.

Dealing with changes – moving home, family circumstances (divorce), losing loved ones, new brother/sister, best friend moves away, etc.

Creation story and caring for our wonderful world. While we change, God's love and presence is constant.

Preparation for any planned educational visits: what to expect and how to keep safe.

* Sports day – what is good sportsmanship?

* New beginnings – transition to new class.

* RE lessons also taught from Come & See scheme.

Patterns and Change (Life Cycles)

Physical Development

Chalking large scale patterns outdoors.

Put up large sheets of sugar paper on the wall – children to explore making patterns on a large scale using different paint/media.

Moving to different music/rhymes – finding the rhythmic pattern and beat, e.g. marching whilst playing instruments to 'The ants go marching two by two hurrah, hurrah...'

Think of 3 moves and repeat these in a sequence/pattern to create a simple dance motif and perform this to music.

Continue patterns - unfix pattern books, beads and laces, towers, peg boards, positioning counters, etc.

Using tools to pattern playdough and explore how to change its shape.

Using techniques to change paper: twist, scrunch, tear, cut, fold, roll, etc.

Mathematics

Number patterns – counting on and back in steps, e.g. 10, 20, 30, 40.....20, 18, 16, 14.....15, 25, 35...etc.

Multiplication as repeated addition, e.g. $3 + 3 + 3 = 9$ the same as $3 \times 3 = 9$.

Review all four operations.

Repeating patterns (sounds, beats, instruments)

Symmetrical pictures/patterns (cultural patterns, e.g. Rangoli)

Investigate which 2D shapes tessellate and which do not (link to Elmer the elephant) – look at irregular shape tessellations too.

Measure plants – smallest, widest, tallest...how many cubes tall? (link to Jack and the Beanstalk)

Measuring tape in role play area (clothes shop) and measure height.

Problem solving – continue a 3 colour/size pattern, what comes next?

Patterns in time – times of day, seasons, months of the year, ordering daily routines at home and school.

Expressive Arts & Design

Painting - watercolour patterns, wax resistant patterns.

Make animal patterns/prints – leopard spots, zebra stripes.

Make symmetrical and tessellating patterns, e.g. honeycomb.

Chalking patterns in the playground (spots, stripes, zigzags, castle turret pattern, loops in a continuous line, etc.

Weaving patterns – use strips of paper.

Tie dye t-shirts/use fabric pens to design your own t-shirt (inspiration? Stimulus?)

Design own underwear (linked to Aliens Love Underpants story).

Musical patterns – using instruments.

* Check calendar events.