



MANLEY PARK

PRIMARY SCHOOL

G R O W I N G T O G E T H E R

VISION

Manley Park: we all belong.

Together, we are committed to all learners being inspired to achieve academic success. We provide learning experiences that are relevant, motivational and challenging. Our curriculum and collaborative learning approaches nurture individual personal growth. Pupils become socially responsible citizens of our community and the world.

CURRICULUM INTENT

Intention one: Our learners will achieve excellent and sustained academic progress.

Intention two: Our learners will develop effective lifelong learning behaviours.

Intention three: Our learners will be supported to think critically and creatively.

Intention four: Our learners will become well informed and responsible citizens.

Design and Technology Whole School Overview

Programme of Study	The development of children's artistic and cultural awareness supports their imagination and creativity. It is important that children have regular opportunities to engage with the arts, enabling them to explore and play with a wide range of media and materials. The quality and variety of what children see, hear and participate in is crucial for developing their understanding, self-expression, vocabulary and ability to communicate through the arts. The frequency, repetition and depth of their experiences are fundamental to their progress in interpreting and appreciating what they hear, respond to and observe					
	Autumn 1	Autumn 2	Spring 1	Spring 2	Summer 1	Summer 2
EI values	Be respectful	Be understanding	Be compassionate	Be responsible	Be patient	Be positive
EYFS Theme	All About Us (Diversity)	Celebrations and Festivals (Values and Perception)	Friendship and Fairness (Social Justice)	Caring for our Environment (Sustainable development)	People who Help Us (Interdependence)	Changes (Aspirations)
Nursery LQ	What Makes Me Special?	What Are Special Times for Me and My Family?	What Makes a Good Friend?	What is the Environment?	Who Helps Us?	How Have I Changed?
Ongoing Nursery	<ul style="list-style-type: none"> Explore different materials freely, to develop their ideas about how to use them and what to make. 					
Termly Objectives Breakdown Nursery	<p>Explore different materials freely, to develop their ideas about how to use them and what to make.</p> <p>Modelling how to use Junk Modelling materials, including cutting and sticking.</p>	<p><i>Baking gingerbread men and talk about the changes they see (link with Literacy)</i></p>	<p>Join different materials and explore different textures.</p> <p>Use hole punch and cutting skills to create animals (<i>link with Literacy</i>)</p>	<p>Develop their own ideas and then decide which materials to use to express them.</p> <p>Construct Jack's house/giant's castle using building blocks.</p>		<p>Develop their own ideas and then decide which materials to use to express them.</p> <p>Join different materials and explore different textures.</p> <p>Construct the three little pigs houses using and joining a variety of materials.</p>

Reception LQ	How Are We All Different?	Why Do We Celebrate?	How Can I Be Fair?	How do I Look After the Environment?	How Do People Help Us?	Do I Notice How Things Have Changed?
Ongoing Reception	<ul style="list-style-type: none"> Create collaboratively, sharing ideas, resources and skills. 					
Termly Objectives Breakdown Reception		<p>Create collaboratively, sharing ideas, resources and skills.</p> <p>Loose parts and junk modelling based on celebrations. Thanksgiving cars. Sita's chariot. Direct teach/challenge/technique of the week.</p>	<p>Explore, use and refine a variety of artistic effects to express their ideas and feelings.</p> <p>Design vehicles. Makedo international. Sustainability. Boats-Oliver Jeffries. Chinese lamps- Lunar New Year.</p>	<p>Return to and build on their previous learning, refining ideas and developing their ability to represent them.</p> <p>TOTW: Poppies. Spring flowers. Tidy.</p>	<p>Explore, use and refine a variety of artistic effects to express their ideas and feelings.</p> <p>TBD</p>	<p>Return to and build on their previous learning, refining ideas and developing their ability to represent them.</p> <p>Explore, use and refine a variety of artistic effects to express their ideas and feelings.</p> <p>3D tree with textures. Girl who planted trees. Recap all skills in the creative area. Edit and Improve.</p>

	Autumn 1	Autumn 2	Spring 1	Spring 2	Summer 1	Summer 2
EI values	Be respectful	Be understanding	Be compassionate	Be responsible	Be patient	Be positive
Whole School Theme	Diversity	Values & Perceptions	Social Justice	Sustainable Development	Interdependence	Aspirations
KS1 KQ	Can I recognise the beauty of different people and places?	Can I understand that people have different values?	Do I understand and value fairness?	Do I understand the origins of what I have?	Who do I depend on and who depends on me?	Who should we admire?
Year 1	<p>Cooking and Nutrition</p> <p>Preparing Fruit <i>Research, design, make and evaluate fruit kebabs.</i></p> <p>(Celebrating seasonal fruit,</p>			<p>Structures</p> <p>Free Standing Structures <i>Research, design, make and evaluate a free-standing house..</i></p>		<p>Mechanisms</p> <p>Sliders and Levers <i>Research, design, make and evaluate a moving picture book.</i></p>

	<p>healthy lifestyle and the places food comes from)</p> <p>Alice Waters</p>			<p>(Exploring the properties and suitability of different materials)</p> <p>Norman Foster</p>		<p>(Exploring moving mechanisms)</p> <p>Mathew Reinhart</p>
Year 2		<p>Mechanisms</p> <p>Wheels and Axles <i>Research, design, make and evaluate a moving vehicle.</i></p> <p>(Exploring movement)</p> <p>Henry Ford</p>	<p>Cooking and Nutrition</p> <p>Preparing Vegetables <i>Research, design, make and evaluate pita bread Pizzas.</i></p> <p>(Celebrating seasonal vegetables, healthy lifestyle and the places food comes from)</p> <p>Jamie Oliver</p>		<p>Textiles</p> <p>Templates and Joining Techniques <i>Research, design, make and evaluate a puppet using felt.</i></p> <p>(Exploring the properties and suitability of different materials)</p> <p>Sun-Min Kim</p>	
LKS2 KQ	Can I find out what draws groups of people to certain places?	Can I understand how our values affect the way we live?	Do I recognise that actions have intended and unintended consequences?	Do I appreciate the value that sustainable resource use has on us and future generations?	Do I understand how action and choices made in the UK impact on the rest of the world?	Who do I want to be and what do I want to achieve?
Year 3		<p>Cooking and Nutrition</p> <p>Healthy and Varied Diet <i>Research, design, make and evaluate a vegetable Soup.</i></p> <p>(Celebrating seasonal vegetables, healthy lifestyle and how food is sourced)</p>		<p>Mechanical Systems</p> <p>Levers and Linkages <i>Research, design, make and evaluate an Egyptian Shaduf.</i></p> <p>(Exploring moving mechanisms)</p>		<p>Shell Structures</p> <p>Free Standing Structures <i>Research, design, make and evaluate a pencil tidy.</i></p> <p>(Exploring the properties and suitability of different materials)</p> <p>Using CAD (Tinkercad Ap)</p> <p>Jørn Utzon</p>
Year 4		<p>Cooking and Nutrition</p> <p>Healthy and Varied Diet <i>Research, design, make and evaluate a layered salad.</i></p> <p>(Celebrating seasonal</p>	<p>Electrical Systems</p> <p>Night Light <i>Research, design, make and evaluate a night light.</i></p> <p>(Using knowledge of electrical</p>			<p>Textiles</p> <p>2D shape to a 3D product <i>Research, design, make and evaluate a pencil case using recycled fabrics.</i></p>

		vegetables. healthy lifestyle and how food is sourced)	systems from science to create a functional product) Thomas Edison			(Exploring the properties and suitability of different materials) Vivienne Weswood
UKS2 KQ.	Can I appreciate different perspectives on Global issues?	Can I understand the power of the media?	Am I motivated to assist equality?	Can one person make a difference?	Do I understand that the world is a global community and what it means to be a global citizen?	How do I become the person I want to be?
Year 5		Mechanical Systems Pulleys and Gears <i>Research, design, make and evaluate a Viking RowBoat.</i> (Exploring moving mechanisms)	Textiles Using CAD (MA Paint) <i>Research, design, make and evaluate an animal cushion using calico/cotton.</i> (Exploring the properties and suitability of different materials)			Cooking and Nutrition Healthy and Varied Diet <i>Research, design, make and evaluate seasonal fruit or vegetable muffins.</i> (Celebrating seasonal foods) Bryant Terry
Year 6	Cooking and Nutrition Healthy and Varied Diet <i>Research, design, make and evaluate cultural bread.</i> (Celebrating cultural foods) Preeti Mystery			Electrical Systems Car Alarm <i>Research, design, make and evaluate a sounding car alarm.</i> (Using knowledge of electrical systems from science to create a functional product) Caroline Haslett	Structures Frame Structures <i>Research, design, make and evaluate a bird Hideaway.</i> (Exploring the properties and suitability of different materials) Using CAD (Tinkercad Ap) Zaha Hadid	