

KLT LTM for DT – Two-year cycle (2025 – 2026 and 2026 – 2027)

	Autumn	Spring	Summer
Nursery/Reception Cycle (2025 – 2026)	<p>Me and My Community This project supports children with settling into the new rules and routines of school and encourages them to make new friends and feel confident in their class. It teaches children about being helpful, kind and thoughtful at home and at school. This project also teaches children how they are unique and special, the importance of friendship and how people in their family, school and local community are important and can help them.</p> <ul style="list-style-type: none"> • Emergency Vehicles <p>Once Upon a Time This project supports children to develop a love of stories and reading. It encourages children to learn, retell and act out familiar and traditional tales</p> <ul style="list-style-type: none"> • Building bridges • Royal Workshop • Step 3 • Step 4 	<p>Starry Night This project explores the differences in the world at night compared to during the day. It teaches children about the importance of a good night’s sleep, and helps them to discover what is happening in the world while they are sleeping, including finding out about nocturnal animals.</p> <ul style="list-style-type: none"> • Make a Cuddle Pet • Rocket Builders <p>Dangerous Dinosaurs This exciting project teaches children about the different animals that roamed Earth millions of years ago and how they are related to animals that live on Earth today. N/A</p>	<p>Sunshine and Sunflowers This seasonal project provides opportunities for outdoor learning and teaches children how to care for the plants and animals in their local environment and how to stay safe in the sun.</p> <ul style="list-style-type: none"> • Sun hats <p>Big Wide World This project teaches children about the global community to which they belong and explores how living things, communities and climates differ around the world.</p> <ul style="list-style-type: none"> • You Choose • Animal Masks

KLT LTM for DT – Two-year cycle (2025 – 2026 and 2026 – 2027)

<p>Nursery/Reception Cycle B (2026 – 2027)</p>	<p>Let’s explore This project teaches children about the environments that they share with others, including their homes, school and places in the local community.</p> <ul style="list-style-type: none"> • Boxes • Colourful Homes • Adventures • Open it <p>Marvellous machines This interest-led project teaches children about the technology that is part of their daily lives and how machines help us. The project gives children the opportunity to build and create marvellous machines</p> <ul style="list-style-type: none"> • Build it • Design a robot • Innovate Step 4 	<p>Long Ago This project teaches children about how they have grown and changed since they were babies and how life in the past was different from today.</p> <ul style="list-style-type: none"> • Toys from the past • Old Clothes to new clothes <p>Ready Steady Grow This project teaches children about food and farming and explores themes, including where food comes from, what plants and animals need to grow and survive and what constitutes a healthy lifestyle.</p> <ul style="list-style-type: none"> • Seed Shakers • Tractor trouble 	<p>Animal Safari This project teaches children about the animals that live around the world, how to look after animals and the importance of caring for our local and global environments.</p> <ul style="list-style-type: none"> • Animal Homes <p>On the Beach This project teaches children about the plants and animals that live at the seaside. It also explores holidays in the past and the importance of keeping safe in the Sun.</p> <ul style="list-style-type: none"> • Boat Builders
--	---	---	---

<p>Year 1 / 2 Cycle B (2025 – 2026)</p>	<p>Mechanisms: Making a moving monster <i>(Cycle B - Kapow)</i></p> <ul style="list-style-type: none"> • Pivots, levers and linkages • Making linkages • Designing my monster 	<p>Structures: Baby bear’s chair <i>(Cycle B - Kapow)</i></p> <ul style="list-style-type: none"> • Exploring stability • Strengthening materials • Making Baby Bear’s chair 	<p>Textiles: Pouches <i>(Cycle B - Kapow)</i></p> <ul style="list-style-type: none"> • Running stitch • Using a template • Making a pouch
---	---	---	---

KLT LTM for DT – Two-year cycle (2025 – 2026 and 2026 – 2027)

	<ul style="list-style-type: none"> Making my monster <p>May need some adaptations based on content taught in Y1 last year.</p>	<ul style="list-style-type: none"> Fixing and testing Baby Bear’s chair <p>May need some adaptations based on content taught in Y1 last year.</p>	<ul style="list-style-type: none"> Decorating a pouch <p>May need some adaptations based on content taught in Y1 last year.</p>
<p>Year 1 / 2 Cycle A (2026 – 2027)</p>	<p>Structures Constructing a windmill <i>(Cycle A - Kapow)</i></p> <ul style="list-style-type: none"> Windmills Making the sails Attaching the sails Evaluating windmills <p>May need some adaptations based on content taught in Y1 last year.</p>	<p>Mechanisms: Wheels and axles (Option1) <i>(Cycle A - Kapow)</i></p> <ul style="list-style-type: none"> Wheels Improving wheels: Part 1 Improving wheels: Part 2 Designing a pull along toy Making a pull along toy <p>Mechanisms: Wheels and axles (Option2) <i>(Cycle A - Kapow)</i></p> <ul style="list-style-type: none"> How do wheels move? Fixing broken wheels Designing a vehicle Wacky races <p>May need some adaptations based on content taught in Y1 last year.</p>	<p>Cooking and Nutrition: Smoothies <i>(Cycle A - Kapow)</i></p> <ul style="list-style-type: none"> Fruits Growing Cutting and juicing Testing ingredients Making smoothies Evaluating <p>May need some adaptations based on content taught in Y1 last year.</p>

<p>Year 3 / 4 Cycle B (2025 – 2026)</p>	<p>Digital world: Mindful moments timer <i>(Cycle B – Kapow)</i></p> <ul style="list-style-type: none"> Analysing timers Designing for the user 	<p>Structures: Pavilions <i>(Cycle B – Kapow)</i></p> <ul style="list-style-type: none"> Exploring frame structures Designing a pavilion 	<p>Electrical systems: Torches <i>(Cycle B – Kapow)</i></p> <ul style="list-style-type: none"> Electrical products Evaluating torches
---	--	---	--

KLT LTM for DT – Two-year cycle (2025 – 2026 and 2026 – 2027)

	<ul style="list-style-type: none"> • Programming the timer • Prototypes • Brand identity • An Exhibition 	<ul style="list-style-type: none"> • Pavilion frame • Pavilion cladding 	<ul style="list-style-type: none"> • Torch design • Torch assembly
Year 3 / 4 Cycle A (2026 – 2027)	Mechanical systems: Pneumatic toys (option 2) <i>(Cycle A – Kapow)</i> <ul style="list-style-type: none"> • Exploring pneumatics • Designing a pneumatic toy • Making pneumatic toys • Decorating and assembling my toy 	Food and nutrition: Eating seasonally <i>(Cycle A – Kapow)</i> <ul style="list-style-type: none"> • Food around the world • Seasonal food • Cutting and peeling • Tasting seasonal ingredients • Making a mock-up • Evaluating seasonal tarts 	Textiles: Cushions (Option 2) <i>(Cycle A – Kapow)</i> <ul style="list-style-type: none"> • Cross-stitch and appliqué • Cushion design • Decorating my cushion • Assembling my cushion
Year 5 / 6 Cycle B (2025 – 2026)	Digital world: Navigating the world <i>(Cycle B – Kapow 5/6 Unit)</i> <ul style="list-style-type: none"> • Navigating the world • Programming a navigation tool • Product concept • 3D CAD models • Product pitch 	Cooking and nutrition: Come dine with me <i>(Cycle B – Kapow 5/6 Unit)</i> <ul style="list-style-type: none"> • Complementary flavours (optional) • Three ingredients; three courses • Ingredients and skills (optional) • To start... • The main course • Dessert 	Mechanical systems: Automata toys <i>(Cycle B – Kapow 5/6 Unit)</i> <ul style="list-style-type: none"> • Automata • Frame assembly • Experimenting with cams • Finishing touches
Year 5 / 6 Cycle A (2026 – 2027)	Textiles: Stuffed toys <i>(Cycle A – Kapow 5/6 Unit)</i> <ul style="list-style-type: none"> • Designing a stuffed toy • Blanket stitch • Details and appendages • Stuffed toy assembly 	Electrical systems: Doodlers <i>(Cycle A – Kapow 5/6 Unit)</i> <ul style="list-style-type: none"> • Electrical systems and motors • Meet the Doodlers • Doodler design and construction • Doodler DIY kits 	Structure: Bridges <i>(Cycle A – Kapow 5 / 6 Unit)</i> <ul style="list-style-type: none"> • Arch and beam bridges • Spaghetti truss bridges • Building bridges • Finalising bridges

KLT LTM for DT – Two-year cycle (2025 – 2026 and 2026 – 2027)

Kindness, learning and Trust

Be Positive and Active Citizens: We strive for our pupils to communicate clearly, embracing tolerance and respect for the diverse beliefs and aspirations of others.

Be Curious and Independent Members of Society: We encourage curiosity and a thirst for knowledge, instilling a longing for justice and an empathy for those in need.

Have Confidence and Perseverance: Through trusting each other, we empower everyone to embrace challenges with confidence and perseverance, striving to achieve their full potential in all aspects of life so that they can be the best that they can be.

Have the Courage to Respectfully Challenge: We foster an environment where respectful dialogue and critical thinking are encouraged, empowering pupils to voice their opinions with courage and integrity so they can build a better future.

Know their heritage: We cultivate an appreciation for both local and national heritage, helping pupils understand their roots and identity within the broader context of history so that they have a sense of where they are from.