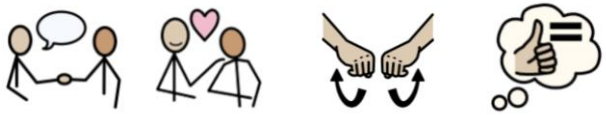
Hanley St Luke's Design and Technology Progression of Skills Overview 2026-27

"I have come that they may have life and have it to the full." (John 10:10)

Skills Builder





EYFS

Researching: (ELGs: Past and Present; The Natural World)
I can talk about the lives of the people around me and explore what they do and use in their jobs (e.g. bakers, builders, designers)
• Designing: (ELG: Creating with Materials)
I can choose and talk about what I want to make and what tools and materials I might use.
• Making: (ELGs: Fine Motor Skills; Creating with Materials)
I can safely use tools like scissors, glue and construction toys to make something I imagined or planned.
• Evaluating: (ELGs: Creating with Materials; Being Imaginative and Expressive)
I can talk about what I've made, explain how I did it and say how I might change or improve it.
• Technical knowledge: (ELGs: Creating with Materials; The Natural World)
I can explore how to use materials and tools in different ways, noticing how they feel and what they can do when I join, layer or build with them.

Year 1

Autumn 1	Autumn 2	Spring 1	Spring 2	Summer 1	Summer 2
	Construction Toy makers' workshop How can we make a toy from recycled materials that is fun and safe to play with?		**Food & Nutrition** Plant power: Snack like Jack What tasty plant snacks help us grow strong like Jack?		**Textiles** Seaside adventures What shapes and colours will bring my seaside collage to life?

	Skills: **Researching:** I can explore toys and talk about what makes them fun and safe. **Designing:** I can draw a simple plan for my toy and choose materials to use. **Making:** I can build my toy using my plan, choosing materials and adding moving parts. **Evaluating:** I can test my toy to see how well it works and how to make it better another time. **Technical Knowledge**: I can practise cutting and joining materials safely.		Skills: **Researching:** I can explore deferent fruits and vegetables and talk about which ones are healthy snacks. **Designing:** I can plan a simple snack using fruits or vegetables, choosing shapes and colours I like. **Making**: I can prepare a fruit or vegetable snack safely, cutting and arranging pieces to make it appealing. **Evaluating:** I can taste my snack and say what I like about it and how I could make it even better. **Technical Knowledge**: I can explain how to prepare food safely by washing hands, using clean tools and cutting carefully.		Skills: **Researching:** I can look at seaside pictures and fabrics, and talk about the shapes, patterns and colours I notice. **Designing:** I can choose colours and shapes to plan my seaside collage. **Making:** I can arrange and join fabric shapes securely to create my seaside collage. **Evaluating:** I can compare my work with seaside pictures and say how well I showed my ideas. **Technical Knowledge**: I can explore how different fabrics feel and behave, and cut shapes safely and carefully.
	Key Vocabulary: recycled, material, explore, safe, plan, string, shape, cut, join, tape, glue, build, wheel, decorate, balance, test, improve, finished, durable		Key Vocabulary: assemble, bean, chop, combine, cut, fresh, fruit, grow, harvest, healthy, ingredients, mash, mix, peel, plant, prepare, safe, savoury, seed, slice, smooth, snack, soft, spread, sweet, taste, vegetable		Key Vocabulary: attach, colour, collage, cool, cut, dark, decorate, fabric, felt, glue, join, layer, light, material, neat, pattern, secure, seaside, shapes, soft, texture, warm
Year 2					
Autumn 1	**Autumn 2**	**Spring 1**	**Spring 2**	**Summer 1**	**Summer 2**
	Textiles: Buzzing bookmarks How can you make a bookmark that's both fun and useful?		**Construction:** Rebuilding history How can we build strong and stable houses like those from the time of the Great Fire of London?	**Food and Nutrition:** Super veggies to the rescue How can we make veggies fun and delicious?	
	Skills:		Skills:	Skills:	

	Researching: I can explore different fabric products and learn how to thread a needle. **Designing:** I can create a design plan for a bug-themed bookmark that is both functional and appealing. **Making:** I can sew two pieces of fabric together and add decorative stitching to create a functional bookmark. **Evaluating:** I can test and evaluate my bookmark for durability, usability and appearance. **Technical Knowledge**: I can practise running stitch and cross stitch to strengthen and decorate fabric		**Researching:** I can find out about historical houses and say how they could be improved. **Designing:** I can draw a plan for a strong Tudor model house with a simple moving part. **Making:** I can build a model of a Tudor house using card and sticks with a simple mechanism. **Evaluating:** I can test if my model is stable and say how to improve it. **Technical Knowledge**: I can measure carefully, test how cross bracing makes a structure stronger and how simple mechanisms move.	**Researching:** I can explore different types of potatoes and explain how they can be cooked in different ways. **Designing:** I can plan potato wedges by choosing which herbs or seasonings to add. **Making:** I can peel and cut vegetables safely; I can follow a recipe step by step to prepare and cook potato wedges safely. **Evaluating:** I can taste my potato wedges, say what worked well, and suggest one way to improve them. **Technical Knowledge**: I can use tools correctly and explain how to cook potatoes in a healthy way.	
	Key Vocabulary: aida, appealing, appearance, bookmark, cross-stitch, decoration, durable, embroidery, fabric, functional, neat, needle, needle threader, running stitch, secure, stitches, thread, usable		Key Vocabulary: timber, thatched, wattle, overhang, material, strong, flexible, suitability, frame, support, brace, triangle, beams, feature, structure, diagonal, construct, stable, compress	Key Vocabulary: bake, coat, cooked, crisp, cut, dip, fresh, harvest, healthy, herbs, ingredients, knife, mash, mix, peeler, peel, potato, prepare, raw, safety, seasonal, slice, stir, toss, vegetable, wash, wedge	

Year 3

Autumn 1	Autumn 2	Spring 1	Spring 2	Summer 1	Summer 2
	Textiles: How can you make the perfect pouch for a Stone Age adventure?		**Food and Nutrition** How can we turn root vegetables into a colourful summer roll?		**Mechanism:** How can we use magnets to make a model move mysteriously?
	Skills **Researching:** I can explore and compare different pouches, discussing their features and sorting them into groups. **Designing:** I can design a pouch using		Skills **Researching:** I can explore root vegetables and explain how they are used in seasonal dishes. **Designing:** I can plan a summer roll		Skills **Researching:** I can investigate how magnets work and identify everyday uses of magnetic forces in objects.

	a paper template and plan features such as size, shape and fastening. **Making:** I can sew fabric pieces together, add a fastening and make sure my pouch is strong and functional. **Evaluating:** I can test and evaluate my finished pouch, thinking about what worked well and what I could improve. **Technical Knowledge**: I can practise stitches and fastenings for my pouch.		recipe, choosing fillings that are colourful, healthy and tasty. **Making:** I can safely peel, slice and grate a range of vegetables and follow a simple recipe with support. **Evaluating:** I can taste my summer roll, say how well my fillings worked together and suggest one improvement. **Technical Knowledge**: I can prepare vegetables safely, using peeling, cutting and grating skills with greater control.		**Designing:** I can create a design criteria and plan an ancient Egyptian-themed model that uses magnets to create a surprising effect. **Making:** I can join materials to make a strong, functional Egyptian-themed model with magnetic effect **Evaluating:** I can evaluate my model against the design criteria and suggest improvements. **Technical Knowledge**: I can accurately join, reinforce, stiffen and strengthen materials.
	Key Vocabulary: appealing, cross-stitch, decoration, durability, fabric, fasteners, functional, historical, knot, needle, overstitch, pins, pouch, running stitch, seam, secure, Stone Age, templates, thread		Key Vocabulary: assemble, chop, cold dish, colourful, flavour, fresh, grate, grater, healthy, hygiene, knife, peel, peeler, prepare, raw, rinse, safe, seasonal, slice, soak, soften, texture		Key Vocabulary: magnet, attraction, repel, hidden, force, poles, distance, material, precision, mechanism, secret, artefact, construct, align, ancient, secure, movement, interactive, symbol, treasure
Year 4					
Autumn 1	**Autumn 2**	**Spring 1**	**Spring 2**	**Summer 1**	**Summer 2**
	Construction Chariots in Motion How can we use electricity to power a roman chariot?		**Textiles:** Bag a story How can we create a functional and creative book bag?		**Food and nutrition** Chocolate that cares How can we make a chocolate treat that is fair for people and kind to the planet?
	Skills **Researching:** I can explain how electricity can be used to create movement and how this is different from Roman times. **Designing:** I can design a Roman chariot that shows how electricity will be used to power movement. **Making:** I can build a working electric Roman chariot by adding a motor and circuit		Skills **Researching:** I can explore different bags and learn about textile designs, explaining how their ideas inspire strong, useful and appealing designs. **Designing:** I can design a book bag for a specific user, using		Skills **Researching:** I can identify flavour combinations and textures that make chocolate delicious. **Designing:** I can design a sustainable chocolate product that cares for the planet.

	to my chassis and testing and improving how it moves. **Evaluating:** I can test, improve and evaluate my Roman chariot. **Technical Knowledge**: I can explain and apply ways to strengthen a chassis by building a stable wooden box-frame with wheels and axles.		appealing decorations and motifs linked to a favourite story. **Making:** I can sew fabric pieces together neatly and securely to create my book bag. **Evaluating:** I can test my bag for strength and use, and explain how well it meets my design goals, suggesting improvements. **Technical Knowledge**: I can explain the purpose of different stitches and how I used tools safely.		**Making:** I can create a chocolate treat using Fairtrade ingredients and eco-friendly Practices. I can use basic food preparation techniques confidently and hygienically. **Evaluating:** I can evaluate my chocolate creation and explain how it reflects Fairtrade and sustainability values. **Technical Knowledge**: I can describe how ingredients are sourced and processed. I can explain what Fairtrade is and why it is important for cocoa farmers.
	Key Vocabulary: Roman, model, inspiration, chariot, circuit, wire, battery, bulb, mosaic, functional, switch, connection, build, attach, decorate, present, conductor, insulator, component, electricity		Key Vocabulary: accuracy, appealing, assemble, backstitch, capacity, construction, decorate, durable, fabric, fabric pens, functional, handles, leakage, neat, pattern, pinning, reinforce, seam, seam allowance, secure, sturdy		Key Vocabulary: appearance, aroma, cacao, chocolate bark, cooling, eco-friendly, ethical, Fairtrade, fermentation, flavour pairing, harvest, melting point, production, recyclable, roasting, sustainability, tempering, texture, shipping

Year 5

Autumn 1	Autumn 2	Spring 1	Spring 2	Summer 1	Summer 2
Textiles: Moonlit magic How can fabric and stitching create atmosphere?		**Construction:** Fairy-tale engineering How can we use pulleys and levers to solve a problem?			**Food and nutrition:** Central America on a plate How can we cook a dish that celebrates its cultural flavours?
Skills **Researching:** I can explore the work of different textile artists and talk about how fabric, colour and stitching create mood and atmosphere. **Designing:** I can design my wall hanging and use a template to cut fabric shapes accurately.		Skills **Researching:** I can investigate how mechanisms can solve real-life problems and link this to a problem in the world of fairy tale. **Designing:** I can create design criteria and draw a labelled plan of			Skills **Researching:** I can explore Central American ingredients and explain how culture and seasonality influence how they are used together. **Designing:** I can plan how to adapt a

Making: I can sew on my appliqué shapes and use blanket stitch to finish edges. **Evaluating:** I can evaluate my wall hanging, explain how it creates atmosphere and suggest improvements. **Technical Knowledge**: I can use running stitch and overstitch to attach appliqué shapes securely and neatly.		a model fairy-tale theatre set with moving parts. **Making:** I can build a model of a model fairy-tale theatre set with moving parts. **Evaluating:** I can evaluate my model against the design criteria and suggest improvements. **Technical Knowledge**: I can learn how pulleys, levers and linkages work.			traditional recipe for flavour, texture or presentation. **Making:** I can follow a multi-step recipe to prepare tortillas and dips with control and accuracy. **Evaluating:** I can evaluate the taste, appearance and authenticity of my dish and suggest improvements. **Technical Knowledge**: I can describe key ingredients, select appropriate tools, and explain hygiene rules needed to prepare food safely and confidently.
Key Vocabulary: appliqué, appealing, atmosphere, backstitch, blanket stitch, composition, contrast, decorate, embellishment, embroider, fabric, hanging loop, layering, mood, overstitch, running stitch, secure, symbol, textile, theme		Key Vocabulary: problem, fairytale, solution, pulley, lever, force, load, structure, connect, tension, effort, fulcrum, direction, resistance, pivot, reinforce, modify, measure, aesthetic			Key Vocabulary: adapt, assemble, authentic, Central America, chop, combine, cuisine, culture, flatten, fold, fry, knead, mash, portion, prepare, press, recipe regional, scoop, serve, staple, stir, taste, traditional

Year 6

Autumn 1	Autumn 2	Spring 1	Spring 2	Summer 1	Summer 2
	Electrifying creations: How can we combine electricity and design to create a spooky, Gothic-themed model?		**Textiles:** Trash to treasure How can you transform old materials into something new and amazing?		**Food and nutrition:** Mix it up How can we mix recipes to invent an exciting new food?
	Skills **Researching:** I can describe features of Gothic design using key vocabulary. **Designing:** I can create a labelled design showing Gothic style and electrical features. **Making:** I can build a stable structure and add electrical features. **Evaluating:** I can evaluate the success of the model against design criteria.		Skills **Researching:** I can explore upcycled textile products and explain how they reduce waste. **Designing:** I can plan a creative project that reuses materials with purpose.		Skills **Researching:** I can explain what makes a hybrid food exciting and compare chef creations, describing how flavour, texture and presentation contribute to their success.

	Technical Knowledge: I can explain how electrical circuits work		**Making:** I can sew my design with accuracy, following the plan I designed, and ensure all pieces fit together well. **Evaluating:** I can reflect on my upcycled creation, thinking about design, function, sustainability and suggest ways to improve future projects. **Technical Knowledge**: I can use a range of stitches and embellishments to add strength and detail.		**Designing:** I can design a hybrid dish that combines two techniques, planning ingredients, shape and decoration. **Making:** I can follow my recipe independently, making adjustments where needed to improve the outcome. **Evaluating:** I can evaluate my dish for taste, appearance and inspiration, suggesting improvements with clear reasons. **Technical Knowledge**: I can explain why some flavour combinations work and apply preparation techniques carefully to improve flavour, texture and presentation.
	Key Vocabulary: Gothic, atmosphere, decoration, silhouette, circuit, component, series, parallel, layout, construct, connect, insulate, troubleshoot, motor, arch, architecture, hacksaw, bench hook, clamp		Key Vocabulary: adapt, appliqué, attach, backstitch, cross-stitch, durable, embellish, fabric, fasten, overstitch, opening, personalise, recycle, repurpose, running stitch, seam, seam allowance, sustainable, textiles, upcycle		Key Vocabulary: assemble, blend, chop, combine, cuisine, flavour pairing, fold, fresh, fusion, healthy, hybrid, innovation, layer, mash, mix, multicultural, prepare, recipe, reinvent, roll, savoury, slice, texture, trend