Goose Green Design & Technology Vocabulary

Strand/ discipline	Nursery	Reception	Year 1	Year 2	Year 3	Year 4	Year 5	Year 6
Structures	Join Stick Cut Bend Slot Scissors Measure Materials Fix	Waterproof Absorb Prediction Variable Experiment Investigation Float Sink Junk	Client Design Evaluation Net Stable Strong Test Weak Windmill	Function Man-made Mould Natural Stable Stiff Strong Structure Test Weak	2D shapes 3D shapes Castle Design criteria Evaluate Facade Feature Flag Net Recyclable Scoring Stable Structure Tab	Aesthetic Cladding Design criteria Evaluation Frame structure Function Inspiration Pavilion Reinforce Stable Structure Target audience Target customer Texture Theme	Abutment Accurate Arched bridge Beam bridge Coping saw Evaluation File Mark out Material properties Measure Predict Reinforce Research Sandpaper Set square Suspension bridge Tenon saw Test Truss bridge Wood	Adapt Apparatus Bench hook Cladding Coping saw Design Dowel Evaluation Feedback Idea Jelutong Landscape Mark out Modify Natural materials Plan view Prototype Reinforce Sketch Structure Tenon saw Texture User Vice
Digital world					Analogue Analyse Annotate Badge CAD Control Design criteria Develop Digital Digital revolution Digital world	Advantage Annotate Assemble Aesthetic Block Brand identity Brand Bug CAD Clipart Coding	Alert Ambient Boolean Consumables Decompose Development Device Duplicate Durable Electronic Inventor	3D CAD Application (apps) Biodegradable Boolean Cardinal compass Client Compass Concept Convince Corrode Duplicate

Strand/ discipline	Nursery	Reception	Year 1	Year 2	Year 3	Year 4	Year 5	Year 6
					Display Electronic Fastening Feature Feedback Form Function Initiate Layers Loops Micro:bit Monitor Net Point of sale Product Product concept Program Sense Simulator Smart Technology Test User	Criteria Debug Design Develop Disadvantage Display Ergonomic Evaluate Exhibition Feedback Form Function Join Logo Loop Mindfulness Model Net Product Program Prototype Research Script Sketchpad Test Timer User Variable	Lightweight Man-made Manipulate Manoeuvre Microplastics Model Monitor Monitoring device Moulded Plastic Plastic pollution Programming comment Programming loop Reformed Replica Research Sensor Strong Sustainability Synthetic Thermometer Thermoscope Value Variable Versatile Water-resistant Workplane	Environmentally friendly Equipment Feature Finite Function Functional GPS tracker If statement Infinite Investment Lightweight Loop Manufacture Materials (wood, metal, plastic etc.) Mouldable Navigation Non-recyclable Product lifecycle Product lifespan Program Recyclable Smart Sustainable Sustainable design Unsustainable design Variable Workplane
Cooking and nutrition			Blender Fruit Healthy Ingredients Recipe Smoothie Vegetable Seed Root	Appearance Balanced Carbohydrates Combination Dairy Design Design brief Diet	Arid Climate Complementary Country Export Import Mediterranean Mock-up	Adapt Addition Budget Buttery Combine Comment Construct Cream	Abattoir Adaptation Balanced Beef Brand Cook Cross-contamination	Balance Bitter Bridge method Complement Farm to fork Method Nationality Reared

Strand/ discipline	Nursery	Reception	Year 1	Year 2	Year 3	Year 4	Year 5	Year 6
			Leaf Stem Flavour Design Cut Juice Table knife Juicer Plant Bush Tree Vine Chopping board Fork Taste Select Blend Evaluate Compare	Feel Grate Grater Menu Oils Prepare Proteins Review Scissors Smell Snip Spread Spreads	Mountain Peel Polar Seasonal Seasons Snip Temperate Texture Tropical Weather	Crunchy Cuboid Fold Hygiene Layout Market research Modify Multiplication Opinion Pounds Sieve Sift Target audience Texture Unique Wooden spoon	Develop Enhance Equipment Farm Label Measure Nutrient Nutrition Nutritional value Preference Press Process Safety Theme	Research Pairing Preparation Salty Sour Storyboard Sweet Umami
Mechanical systems			Assemble Design Evaluation Mechanism Model Sliders Stencil Target audience Template Test Axle Axle holder Chassis Design Evaluation Fix Mechanic Mechanism Model Test	Evaluation Input Lever Linear motion Linkage Mechanical Mechanism Motion Oscillating motion Output Pivot Reciprocating motion Rotary motion Survey Axle Decorate Ferris wheel Mechanism Stable	Exploded-diagram Function Input Lever Linkage Mechanism Motion Net Output Pivot Pneumatic system Thumbnail sketch	Aesthetic Air resistance Chassis Design Design criteria Function Graphics Kinetic energy Mechanism Net Structure	Aesthetic Computer-aided design (CAD) Caption Design Design brief Design criteria Exploded-diagram Function Input Linkage Mechanism Motion Output Pivot Prototype Slider Structure Template	Accurate Assembly-diagram Automata Bench hook Cam Clamp Component Cutting list Diagram Dowel Drill bits Exploded-diagram Finish Follower Frame Function Hand drill Jelutong Linkage

Strand/ discipline	Nursery	Reception	Year 1	Year 2	Year 3	Year 4	Year 5	Year 6
			Wheel	Strong Test Waterproof Weak				Mark out Mechanism Model Research Right-angle Set square Tenon saw
Textiles			Decorate Design Fabric Glue Model Hand puppet Safety pin Staple Stencil Template	Accurate Fabric Knot Pouch Running-stitch Sew Shape Stencil Template Thimble	Accurate Applique Cross-stitch Cushion Decorate Detail Fabric Patch Running-stitch Seam Stencil Stuffing Target audience Target customer Template	Aesthetic Assemble Book sleeve Design criteria Evaluation Fabric Fastening Mock-up Net Running-stitch Stencil Target audience Target customer Template	Accurate Annotate Appendage Blanket-stitch Design criteria Detail Evaluation Fabric Sew Shape Stuffed toy Stuffing Template	Accurate Adapt Annotate Design Design criteria Detail Fabric Fastening Knot Properties Running-stitch Seam Sew Shape Target audience Target customer Template Thread Unique Waistcoat
Electrical systems					Battery Bulb Circuit Circuit component Crocodile wires Electrical product Electrical system Final design Information design	Battery Bulb Buzzer Cell Component Conductor Copper Design criteria Electrical item Electricity Electronic item	Circuit component Configuration Current Develop DIY Investigate Motor Motorised Problem solve Product analysis	Assemble Battery Battery pack Benefit Bulb Bulb holder Buzzer Circuit Circuit symbol Component Conductor

Strand/ discipline	Nursery	Reception	Year 1	Year 2	Year 3	Year 4	Year 5	Year 6
					Initial ideas Peer assessment Research Self assessment Sketch	Function Insulator Series circuit Switch Test Torch Wire	Series circuit Stable Target user	Copper Design Design criteria Evaluation Fine motor skills Fit for purpose Form Function Gross motor skills Insulator LED User