

## DT Tier 2 and 3 Vocabulary Progression

	<b>Autumn 1</b>	<b>Autumn 2</b>	<b>Spring 1</b>	<b>Spring 2</b>	<b>Summer 1</b>	<b>Summer 2</b>
<b>Y1</b>	<p><b>Mechanisms</b>  <b>Sliders and Levers</b>  slider, lever, pivot,  slot, bridge/guide,  card, masking tape,  paper fastener, join  pull, push, up, down,  straight, curve,  forwards, backwards,  design, make,  evaluate, user,  purpose, ideas, design  criteria, product,  function</p>	<p><b>Mechanisms</b>  <b>Sliders and Levers</b>  slider, lever, pivot,  slot, bridge/guide,  card, masking tape,  paper fastener, join  pull, push, up, down,  straight, curve,  forwards, backwards,  design, make,  evaluate, user,  purpose, ideas, design  criteria, product,  function</p>	<p><b>Food Technology-</b>  <b>fruit salad</b>  fruit names, names of  equipment and  utensils</p> <p><b>Sensory vocabulary:</b>  soft, juicy, crunchy,  sweet, sticky, smooth,  sharp, crisp, sour,  hard, flesh, skin,  seed, pip, core,  slicing, peeling,  cutting, squeezing,  healthy diet,  choosing,  ingredients, planning,  investigating tasting,  arranging, popular,  design, evaluate,  criteria</p>	<p><b>Food Technology-</b>  <b>fruit salad</b>  fruit names, names of  equipment and  utensils</p> <p><b>Sensory vocabulary:</b>  soft, juicy, crunchy,  sweet, sticky, smooth,  sharp, crisp, sour,  hard, flesh, skin,  seed, pip, core,  slicing, peeling,  cutting, squeezing,  healthy diet,  choosing, ingredients,  planning,  investigating tasting,  arranging, popular,  design, evaluate,  criteria</p>	<p><b>Structures</b>  cut, fold, join, fix,  structure, wall, tower,  framework, weak,  strong, base, top,  underneath, side,  surface, thinner,  thicker, corner,  point, straight,  curved, metal, wood,  plastic, circle,  triangle, square,  rectangle, cuboid,  cube, cylinder, design,  make, evaluate, user,  purpose, ideas,  design criteria,  product, function</p>	<p><b>Structures</b>  cut, fold, join, fix,  structure, wall, tower,  framework, weak,  strong, base, top,  underneath, side,  surface, thinner,  thicker, corner,  point, straight,  curved, metal, wood,  plastic, circle,  triangle, square,  rectangle, cuboid,  cube, cylinder, design,  make, evaluate, user,  purpose, ideas,  design criteria,  product, function</p>

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Y2	<p><b>Food Technology- Vegetables</b> vegetable names, names of equipment and utensils</p> <p><b>Sensory vocabulary:</b> soft, juicy, crunchy, sweet, sticky, smooth, sharp, crisp, sour, hard, flesh, skin, seed, pip, core, slicing, peeling, cutting, squeezing, healthy diet, choosing, ingredients, planning, investigating tasting, arranging, popular, design, evaluate, criteria</p>	<p><b>Food Technology- Vegetables</b> vegetable names, names of equipment and utensils</p> <p><b>Sensory vocabulary:</b> soft, juicy, crunchy, sweet, sticky, smooth, sharp, crisp, sour, hard, flesh, skin, seed, pip, core, slicing, peeling, cutting, squeezing, healthy diet, choosing, ingredients, planning, investigating tasting, arranging, popular, design, evaluate, criteria</p>	<p><b>Textiles</b> names of existing products, joining and finishing techniques, tools, fabrics and components, template, pattern pieces, mark out, join, decorate, finish, features, suitable, quality mock- up, design brief, design criteria, make, evaluate, user, purpose, function</p>	<p><b>Textiles</b> names of existing products, joining and finishing techniques, tools, fabrics and components, template, pattern pieces, mark out, join, decorate, finish, features, suitable, quality mock- up, design brief, design criteria, make, evaluate, user, purpose, function</p>	<p><b>Mechanisms- Wheels and Axles</b> vehicle, wheel, axle, axle holder, chassis, body, cab, assembling, cutting, joining, shaping, finishing, fixed, free, moving, mechanism, names of tools, equipment and materials used, design, make, evaluate, purpose, user, criteria, functional</p>	<p><b>Mechanisms- Wheels and Axles</b> vehicle, wheel, axle, axle holder, chassis, body, cab, assembling, cutting, joining, shaping, finishing, fixed, free, moving, mechanism, names of tools, equipment and materials used, design, make, evaluate, purpose, user, criteria, functional</p>

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<p><b>Y3</b></p>	<p><b>Textiles</b> <b>2D shape to 3D product</b> fabric, names of fabrics, fastening, compartment, zip, button, structure, finishing technique, strength, weakness, stiffening, templates, stitch, seam, seam allowance, user, purpose, design, model, evaluate, prototype, annotated sketch, functional, innovative, investigate, label, drawing, aesthetics, function, pattern pieces</p>	<p><b>Textiles</b> <b>2D shape to 3D product</b> fabric, names of fabrics, fastening, compartment, zip, button, structure, finishing technique, strength, weakness, stiffening, templates, stitch, seam, seam allowance, user, purpose, design, model, evaluate, prototype, annotated sketch, functional, innovative, investigate, label, drawing, aesthetics, function, pattern pieces</p>	<p><b>Structures</b> shell structure, three-dimensional (3-D) shape, net, cube, cuboid, prism, vertex, edge, face, length, width, breadth, capacity marking out, scoring, shaping, tabs, adhesives, joining, assemble, accuracy, material, stiff, strong, reduce, reuse, recycle, corrugating, ribbing, laminating font, lettering, text, graphics, decision, evaluating, design brief design criteria, innovative, prototype</p>	<p><b>Structures</b> shell structure, three-dimensional (3-D) shape, net, cube, cuboid, prism, vertex, edge, face, length, width, breadth, capacity marking out, scoring, shaping, tabs, adhesives, joining, assemble, accuracy, material, stiff, strong, reduce, reuse, recycle, corrugating, ribbing, laminating font, lettering, text, graphics, decision, evaluating, design brief design criteria, innovative, prototype</p>	<p><b>Food Technology-Healthy sandwich/ wrap</b> name of products, names of equipment, utensils, techniques and ingredients texture, taste, sweet, sour, hot, spicy, appearance, smell, preference, greasy, moist, cook, fresh, savoury hygienic, edible, grown, reared, caught, frozen, tinned, processed, seasonal, harvested healthy/varied diet planning, design criteria, purpose, user, annotated sketch, sensory evaluations</p>	<p><b>Food Technology-healthy sandwich/ wrap</b> name of products, names of equipment, utensils, techniques and ingredients texture, taste, sweet, sour, hot, spicy, appearance, smell, preference, greasy, moist, cook, fresh, savoury hygienic, edible, grown, reared, caught, frozen, tinned, processed, seasonal, harvested healthy/varied diet planning, design criteria, purpose, user, annotated sketch, sensory evaluations</p>
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<p>Y4</p>	<p><b>Food Technology-Toastie</b>  name of products, names of equipment, utensils, techniques and ingredients, texture, taste, sweet, sour, hot, spicy, appearance, smell, preference, greasy, moist, cook, fresh, savoury, hygienic, edible, grown, reared, caught, frozen, tinned, processed, seasonal, harvested healthy/varied diet, planning, design criteria, purpose, user, annotated sketch, sensory evaluations</p>	<p><b>Food Technology-Toastie</b>  name of products, names of equipment, utensils, techniques and ingredients, texture, taste, sweet, sour, hot, spicy, appearance, smell, preference, greasy, moist, cook, fresh, savoury, hygienic, edible, grown, reared, caught, frozen, tinned, processed, seasonal, harvested healthy/varied diet, planning, design criteria, purpose, user, annotated sketch, sensory evaluations</p>	<p><b>Mechanical Systems</b>  <b>Levers and Linkages</b>  mechanism, lever, linkage, pivot, slot, bridge, guide system, input, process, output, linear, rotary, oscillating, reciprocating, user, purpose, function, prototype, design criteria, innovative, appealing, design brief</p>	<p><b>Mechanical Systems</b>  <b>Levers and Linkages</b>  mechanism, lever, linkage, pivot, slot, bridge, guide system, input, process, output, linear, rotary, oscillating, reciprocating, user, purpose, function, prototype, design criteria, innovative, appealing, design brief</p>	<p><b>Electrical Systems</b>  <b>Simple circuits and switches</b>  series circuit, fault, connection, toggle switch, push-to-make switch, push-to-break switch, battery, battery holder, bulb, bulb holder, wire, insulator, conductor, crocodile clip, control, program, system, input device, output device, user, purpose, function, prototype, design criteria, innovative, appealing, design brief</p> <p><b>Simple programming and control</b>  series circuit, fault, connection, toggle switch, push-to-make switch, push-to-break switch, battery, battery holder, light emitting diode (LED), bulb, bulb holder, USB cable, wire, insulator, conductor, crocodile clip, control, program, system,</p>	<p><b>Electrical Systems</b>  <b>Simple circuits and switches</b>  series circuit, fault, connection, toggle switch, push-to-make switch, push-to-break switch, battery, battery holder, bulb, bulb holder, wire, insulator, conductor, crocodile clip, control, program, system, input device, output device, user, purpose, function, prototype, design criteria, innovative, appealing, design brief</p> <p><b>Simple programming and control</b>  series circuit, fault, connection, toggle switch, push-to-make switch, push-to-break switch, battery, battery holder, light emitting diode (LED), bulb, bulb holder, USB cable, wire, insulator, conductor, crocodile clip, control,</p>
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Y5	<b>Food Technology- Bread</b> ingredients, yeast, dough, bran, flour, wholemeal, unleavened, baking soda, spice, herbs, fat, sugar, carbohydrate, protein, vitamins, nutrients, nutrition, healthy, varied, gluten, dairy, allergy, intolerance, savoury, source, seasonality, utensils, combine, fold, knead, stir, pour, mix, rubbing in, whisk, beat, roll out, shape, sprinkle, crumble, design specification, innovative, research, evaluate, design brief	<b>Food Technology- Bread</b> ingredients, yeast, dough, bran, flour, wholemeal, unleavened, baking soda, spice, herbs, fat, sugar, carbohydrate, protein, vitamins, nutrients, nutrition, healthy, varied, gluten, dairy, allergy, intolerance, savoury, source, seasonality, utensils, combine, fold, knead, stir, pour, mix, rubbing in, whisk, beat, roll out, shape, sprinkle, crumble, design specification, innovative, research, evaluate, design brief	<b>Mechanical Systems</b> reed switch, toggle switch, push-to-make switch, push-to-break switch, light dependent resistor (LDR), tilt switch, light emitting diode (LED), bulb, bulb holder, battery, battery holder, USB cable, wire, insulator, conductor, crocodile clip control, program, system, input device, output, device, series circuit, parallel circuit function, innovative, design specification, design brief, user, purpose	<b>Mechanical Systems</b> reed switch, toggle switch, push-to-make switch, push-to-break switch, light dependent resistor (LDR), tilt switch, light emitting diode (LED), bulb, bulb holder, battery, battery holder, USB cable, wire, insulator, conductor, crocodile clip control, program, system, input device, output, device, series circuit, parallel circuit function, innovative, design specification, design brief, user, purpose	<b>Structures</b> frame structure, stiffen, strengthen, reinforce, triangulation, stability, shape, join, temporary, permanent design brief, design specification, prototype, annotated sketch, purpose, user, innovation, research, functional	<b>Structures</b> frame structure, stiffen, strengthen, reinforce, triangulation, stability, shape, join, temporary, permanent design brief, design specification, prototype, annotated sketch, purpose, user, innovation, research, functional
Y6	<b>Electrical Systems</b> series circuit, parallel circuit,	<b>Electrical Systems</b> series circuit, parallel circuit,	<b>Textiles</b> seam, seam allowance, wadding, reinforce, right side, wrong side,	<b>Textiles</b> seam, seam allowance, wadding, reinforce, right side, wrong side,	<b>CAMS</b> <b>Cogs and Mechanisms</b>	<b>CAMS</b> <b>Cogs and Mechanisms</b>

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	<p>names of switches and components, input device, output device, system, monitor, control, program, flowchart function, innovative, design specification, design brief, user, purpose</p> <p><b>Monitoring and Control</b></p> <p>reed switch, toggle switch, push-to-make switch, push-to-break switch, light dependent resistor(LDR), tilt switch light emitting diode (LED), bulb, bulb holder, battery, battery holder, USB cable, wire, insulator, conductor, crocodile clip, control, program, system, input device, output device, series circuit, parallel circuit function, innovative,</p>	<p>names of switches and components, input device, output device, system, monitor, control, program, flowchart function, innovative, design specification, design brief, user, purpose</p> <p><b>Monitoring and Control</b></p> <p>reed switch, toggle switch, push-to-make switch, push-to-break switch, light dependent resistor(LDR), tilt switch light emitting diode (LED), bulb, bulb holder, battery, battery holder, USB cable, wire, insulator, conductor, crocodile clip, control, program, system, input device, output device, series circuit, parallel circuit function,</p>	<p>hem, template, pattern pieces name of textiles and fastenings used, pins, needles, thread, pinking shears, fastenings, iron transfer paper design criteria, annotate, design decisions, functionality, innovation, authentic, user, purpose, evaluate, mock-up, prototype</p>	<p>hem, template, pattern pieces name of textiles and fastenings used, pins, needles, thread, pinking shears, fastenings, iron transfer paper design criteria, annotate, design decisions, functionality, innovation, authentic, user, purpose, evaluate, mock-up, prototype</p>	<p>cam, snail cam, off-centre cam, peg cam, pear shaped cam follower, axle, shaft, crank, handle, housing, framework, rotation, rotary motion, oscillating motion, reciprocating motion, annotated sketches, exploded diagrams mechanical system, input movement, process, output movement, design decisions, functionality, innovation, authentic, user, purpose, design specification, design brief</p>	<p>cam, snail cam, off-centre cam, peg cam, pear shaped cam follower, axle, shaft, crank, handle, housing, framework, rotation, rotary motion, oscillating motion, reciprocating motion, annotated sketches, exploded diagrams mechanical system, input movement, process, output movement, design decisions, functionality, innovation, authentic, user, purpose, design specification, design brief</p>
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	design specification, design brief, user, purpose	innovative, design specification, design brief, user, purpose				
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