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| Design & Technology | **Sequential and Progressive Vocabulary** | | |
| Y1&2  Cycle A | **Autumn**  **Childhood** | **Spring**  **Bright Lights, Big City** | **Summer**  **School Days** |
| + Unit | Shade and Shelter | Taxi | Chop, Slice & Mash |
| Significant people etc | Forestry Schools | taxi  transport  vehicle |  |
| Y1 Tier 2 | change, improve, different, similar, success, evaluate | | |
| Y1  Tier 3 | shelter, structure, purpose, design, finish, model, roof, safety, tools, wall, brick, fabric, rope, stick | safety, tool, wheel, connect, move, roll, taxi, transport, vehicle, design, idea | rule, safety, chop, grate, grater, knife, mash, masher, peel, peeler, slice, tear, animal, vegetable, fish, flower, fruit, leaf, meat, nut, seed |
| Y2  Tier 2 | strength, weakness, compare, criteria, difficulty, difference, similarity | | |
| Y2  Tier 3 | function, permanent, protection, temporary, appearance, construction, entry point, functionality, joining, tarpaulin, wooden cane | axle, chassis, criteria, diagram | hygiene, flavour, ingredient, dairy product, source, stem, root |
| Y3&4  Cycle A | **Autumn**  **Through The Ages** | **Spring**  **Rocks, Relics and Rumbles** | **Summer**  **Emperors and Empires** |
| + Unit | Cook Well, Eatwell | Making it Move | Greenhouse |
| Significant people etc | Food Standards Agency | Kirkleatham Museum Cams |  |
| Y3  Tier 2 | design, diagram, plan | feedback, finish, quality, explain, test | compare, similarity structure, style, change, effective, evaluation, findings, observation, improvement, purpose |
| Y3  Tier 3 | bake, barbecue boil, chop, cook, fry, grate, grill, hob, ingredient, method, microwave, mix, oven, roast, steam, healthy | cam, axle, down, follower, heart cam, hexagonal cam, machine, lever, linkage, movement, wheel, up, join, material, | conservatory, greenhouse, stability strength, triangular, three-dimensional, safety rules, frame structure, butt joint, gluing, hack-saw, hot glue gun, joining, g-clamp, bench hook, glass, material, plastic, property, transparent, water-proof, strength |
| Y4  Tier 2 | design criteria, health & safety | demonstrate, discussion, reflect, strength, structure | design criteria, suitability, |
| Y4  Tier 3 | deseed, dice, skin, eatwell guide, balanced, calcium, carbohydrate, fibre, food group, nutrient, nutrition, protein, vitamin | off-centre circular cam, pear cam, rotational, mechanism, mechanical, slider, snail cam, square cam, component, automaton toy, elliptical cam | biome, supervision, diagonal strut, reinforcing, strengthening triangular corner, hardwearing |
| Y5&6  Cycle A | **Autumn**  **Dynamic Dynasties** | **Spring**  **Sow Grow and Farm** | **Summer**  **Groundbreaking Greeks** |
| + Unit | Moving Mechanisms | Eat the Seasons | Architecture |
| Significant people etc | William George Armstrong, Cragside | http://www.eattheseasons.co.uk/ | Roman Builders  Ancient Egyptians  Prehistoric Builders |
| Y5  Tier 2 | difference, similarity, test, problem solve, focus group, product, success, equipment | | |
| Y5  Tier 3 | structure, sturdy, strong, stable, load, air, air pressure, compress, force, gas, lever, movement, pneumatic, piston, plunger, power, triangle | blend, boil, brown, chop, cooked, dice, health & safety, grate, mash, peel, carbohydrate, fat, fibre, seasonal fruit, seasonal vegetable, soup, sugar, vitamin, salt, produce | column, framework, lintel, post, stability, stiffness, structure, support, architecture, building, style, temple, sustainable, appearance, functional, Roman builders, Ancient Egyptians, Prehistoric builders |
| Y6  Tier 2 | investigate technique, version, adjust design, analysis, deployment, iterative process, prototype | | |
| Y6  Tier 3 | pneumatic machine, pneumatic system, brace, lifting arm, actuator, reservoir, syringe, valve | food hygiene, food preparation, puree, sauté, simmer, steam, kilocalorie, kilojoule, mineral, nutrient, nutritional value, saturated fat, seasonal food, seasonality, | Iconic column, Doric column, Gothic, industrial, Corinthian column, Classical, Baroque, Modernist, Post Modern, Renaissance, Ancient Egyptian, caryatid, entablature, frieze, pediment |