Brindishe Schools Design & Technology Learning Journey

Vocabulary

Year 1 vocab + structure, framework, hinge, triangulation for strength, explore, predict, survey, join, combine, connect, test, chassis, axel, dowel, logo, mock-up, seam, strengthen

Year 2

Structures: homes **Textiles:** glove puppets **Cooking:** fruit smoothies Mechanisms: vehicles

Vocabulary

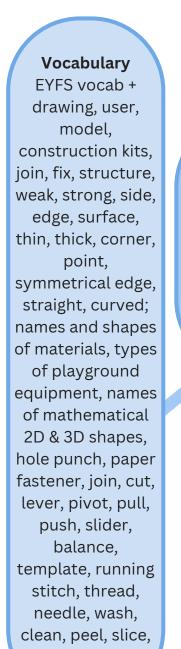
KS1 & KS2 vocab + scale model, forces e.g. tension, compression, twist, bend, design proposal, modify, rotation, electric motor, switch, computer control

Year 6 **Structures:** shelters Cooking: cook a two-course meal Mechanisms: using electricity to make a model move

Year 6

Year 5 Structures: umbrellas or kites Textiles: slippers **Cooking:** making a main course **Mechanisms:** moving toys

Vocabulary KS1 & LKS2, texture, intention, outcome, annotated diagram, prototype, shape, saw, mark out, cam, mechanism, offset, shaft, insulation, tacking, wadding, hem, costing, preference



Year 1 materials in Science) **Textiles:** making bookmarks **Cooking:** fruit/veg kebabs Mechanisms: moving parts

Structures: playgrounds (making links with

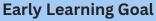
Year 2

Year 1

Year 3

Year 3 **Structures:** packaging **Textiles:** wallhangings **Cooking:** sandwiches Mechanisms: toys with moving parts

Year 5



Safely use and explore a variety of materials, tools and techniques, experimenting with colour, design, texture, form and function. Share their creations, explaining the process they have used

EYFS

Vocabulary experiment, change, tools, materials, use, improve, textiles, fabric, leather, cotton, wool, collage, sculpture, explain, design, plan, evaluate

Vocabulary KS1 vocab + font, graphic, criteria, fit for purpose, scoring, tabs, assemble, brainstorm, appropriate, accurate, specification, flow chart

Year 4

Year 4 Structures: picture frames Textiles: money containers Cooking: soup Mechanisms: storybooks

Vocabulary

Y3 vocab + component parts, rolling, layering, stable, free-standing, stiff, reinforce, pivot, flexible, surface coverage, types of movement e.g. rotary, linear, buckle, gusset, embroidery, properties



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