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

Vocabulary

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

Year 2 Structures: homes Cooking: fruit smoothies Mechanisms: vehicles

Year 6

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

Vocabulary

EYFS vocab + drawing, user, model, construction kits, join, fix, structure, weak, strong, side, edge, surface, thin, thick, corner, point, symmetrical edge, straight, curved; names and shapes of materials, types of playground equipment, names of mathematical 2D & 3D shapes, template, running stitch, thread, needle, wash, clean, peel, slice,

grate, evaluate

Year 1

Year 2

Structures: playgrounds (making links with materials in Science) Textiles: making bookmarks **Cooking:** fruit/veg kebabs

Year 3

Year 6

Year 5

Structures: umbrellas or kites Textiles: slippers **Mechanisms:** moving toys

Year 1

Year 3

Structures: packaging Textiles: wall hangings Cooking: sandwiches

Year 5

texture, intention, outcome, annotated diagram,

Vocabulary

KS1 & LKS2,

prototype, shape, saw, mark out, cam, mechanism, offset, shaft, insulation, tacking, wadding, hem, costing,

preference

Early Learning Goal

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

Vocabulary KS1 vocab + font,

graphic, criteria, fit for purpose, scoring, tabs, assemble, brainstorm, appropriate, accurate, specification, flow chart

Year 4

Year 4

Textiles: money containers Cooking: soup Mechanisms: storybooks

Vocabulary

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

EYFS

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

