# **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

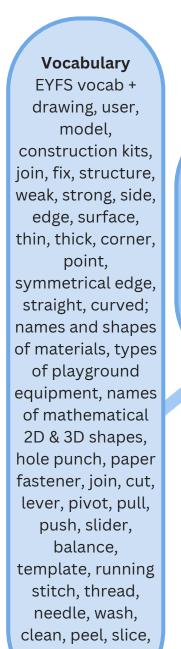
KS1 & KS2 vocab + scale model, forces e.g. tension, compression, twist, bend, design proposal, modify, rotation, electric motor, switch, computer control

### 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

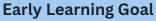
Year 2

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



DESIS 11 8