



Oaklands Junior School Curriculum Intent



Design & Technology

Design

Generate, explore, model, develop, design, research, plan.

Make

Select, measure, cut, assemble sew, create, construct, modify, finish.

Evaluate

Discuss, disassemble, test, specify, analyse, consider, record, improve.

Technical Knowledge

Apply, understand, explain, interpret, program, compare, build, explore.

Yr2

Suggest ideas, explain how and why they will make their model. Develop their ideas.

Yr4

Considering purpose draw and annotate design including alternative methods for success.

Yr6

Brainstorm to identify and specify their design which informs the order of works.

Yr2

Assemble by cutting joining and shaping. Use basic sewing techniques.

Yr4

Select tools to measure, mark out and join in temporary and permanent ways. Use a range of stitches, weave and knit.

Yr6

Mark out, cut, join, weigh and measure accurately. Pin, sew, stitch and modify to achieve a quality product.

Yr2

Evaluate saying what they like and dislike through discussion identifying possible changes.

Yr4

Disassemble and evaluate familiar products. Evaluate using appropriate tests during and at the end of the assignment.

Yr6

Evaluate against original specification recording the evaluation using drawings and labels to show improvements.

Yr2

Build structures and use mechanics.

Yr4

Apply understanding to include mechanical and electrical elements.

Yr6

Apply understanding of computing to programme, monitor and control a product.