



In this unit, we will design, make and evaluate a strong chair for Baby Bear. We will investigate and evaluate a range of chairs, engage in focused practical tasks using construction kits to build structures which will inform our designing and making. We will test and evaluate our chair, thinking about the intended purpose.

Structures Knowledge:

I will:

- Know how to make freestanding structures stronger, stiffer and more stable.
- Know and use technical vocabulary relevant to the project

Techniques:

Skills

I will be able to:

Design:

Make:

Evaluate:

Vocabulary

Technical vocabulary

Structure, wall, tower, framework, weak, strong, base, top, underneath, side, edge, surface, thinner, thicker, corner, point, straight, curved, circle, triangle, square, rectangle, cuboid, cube, cylinder, metal, wood, plastic

Process vocabulary

Cut, fold, join, fix, design, make, evaluate, user, purpose, ideas, design criteria, product, function.

Names of tools, equipment and materials used.

Inspiring Individuals