Design and Technology – Year 1

Spring 1 – **Design, make and evaluate a strong chair for the class bear**

|  |
| --- |
| In Design & Technology I have already learnt:I made my own templates, measuring, marking and cutting out. I joined paper and card, using temporary fixing materials such as paper fasteners and permanent fixing materials such as tape and glue.   I learnt to:  \*Generate my own design ideas \*State the purpose of my design \*Select from a range of tools and equipment \*Use the correct technical vocabulary \*Make simple judgements about my product and suggest how it could be improved. \*Follow procedures for safety. Design, make, evaluate, user, purpose, ideas, design criteria, product, function, Card, masking tape, paper fastener, join  |
| I can talk about freestanding structures around school. **I can talk about their purpose, the material they are made from and how their parts have been joined together**.  I can use construction kits to build walls and towers. **I can explore ways to make walls stronger by changing the brick pattern.** **I can explore ways to make towers stronger by making the base wider, heavier or by adding buttresses**. I can fold paper and card to make freestanding structures. I can join sheet materials and boxes together using different tapes and glue.  |
| New Design & Technology words:Cut, fold, **fix, Framework**, wall, base, joint, metal, wood, plastic, brick, triangle, square, rectangle, cube, cuboid, **Structure,** tower, framework, weak, strong, base, thinner, thicker, straight, curved  |

  

Free standing structures