| | | St White's Primary School – DT | | | | | | |
|---|---|---|-----|--|---------------------------------|----------------------|--|------------------------------------|
| | | Years 5 and 6 | Тор | oic: Frame Structu | res / | Autumn/Spring B | | |
| What should I already know? | | | | DT | | Technical vocabulary | | l vocabulary |
| I can measure, mark out, cut, join and finish using a range of techniques with construction materials. I know that structures are buildings or other objects constructed from several parts. | | | | Inventors look for problems so that they can plan, design, make and | frame structu | | | |
| | | | | evaluate solutions to make the world better. | modell | ling | the process of making a 3-D representation of a structure or product | |
| mvcsugaung | Fechniques for a structures | or building frame | * | | compre | ession | the application of pressure to squeeze an object | |
| | | | ~ | Structures Permanent | strut | | a part of a structure under compression | |
| | Roll paper to make | | | | tensior | ۱ | a force pulling on a material or structure | |
| Skills | tubes for construction | | | structures – signed to last a | tie | 2 | a part of a structure under tension | |
| | Joining straws | Plastic P | uc | long time Temporary structures – signed to last a | diagon | nal | a straight line that goes from one corner to another inside a shape | |
| | | | | | horizor | ntal | a line that is parallel to the ground | |
| Designing | | | | | vertica | al | a line that is at right angles to the ground | |
| | Threaded and tied Straws split to fit round then glued | Pipe cleaner | S | short time | triangu | ulation | the use of the strengthen | riangular shapes to a structure |
| Making | Glued to card | Straw flattened, wrapped around and glued Ends of straws flattened and glued | | ^ | ding triangulation Using straws | | | |
| Evaluating | One straw creased and inserted Flattened and glued Pipe cleaner Sleeve glued around joint Sticky tape | | | | | 0 MO | re rigid | |