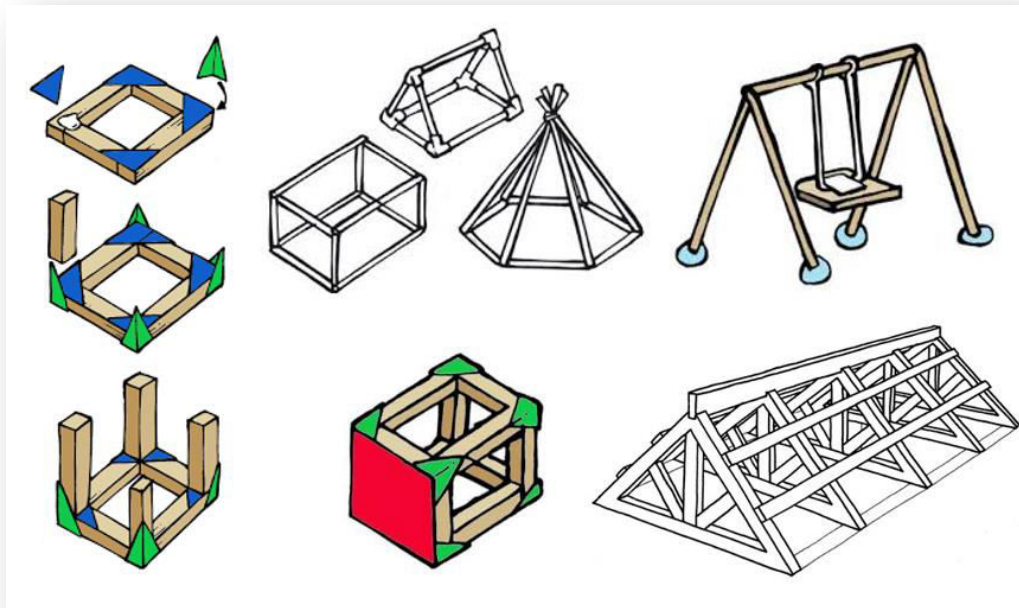


STRUCTURES:

ANGLO SAXON MODEL HOUSES

Design, make and evaluate a model house (**product**) for Year 5 (**user**) to include in the class Anglo Saxon model village (**purpose**).

Key Focus: Frame structures



KEY KNOWLEDGE AND SKILLS

- Understand how to strengthen, stiffen and reinforce 3-D frameworks.
- Know and use technical vocabulary relevant to the project (e.g., stiffen, strengthen, reinforce, compress, triangulation, stability).
- Know that a **strut** is a part of a structure under compression.
- Know that a **tie** is a part of a structure under tension.

RELEVANT PRIOR LEARNING / UNITS

- Experience of using measuring, marking out, cutting, joining, shaping and finishing techniques with construction materials.
- Basic understanding of what structures are and how they can be made stronger, stiffer and more stable.

Prior structures units:

Y1 Structures (freestanding structures): Furniture for the three bears

Y4 Structures (shell structures using CAD): Biscuit packaging

NAME: _____