

Structures: Baby Bear's Chair

I Should Already Know

- Build and construct a wide range of objects.
- Construct with a purpose, using a variety of objects.
- Select tools and techniques to shape, assemble and join.
- Replicate structures with materials and components.
- Use language of designing and making (join, build, shape, heavier etc.).



Function	How something works.
Man-made	Made by people.
Mould	To form different shapes out of soft, squishy materials.
Natural	Found in nature e.g. spider's web, sheep's wool.
Stable	Object does not easily topple over.
Stiff	A material or object that does not bend easily (e.g. wood).
Strong	Something that is not easily broken (e.g. wood, brick, building).
Structure	Something that has been made and put together and can usually stand on its own (e.g. a building, a bridge, a chair).
Test	To find out whether something works as it should.
Weak	Something that is easily broken (e.g. paper, egg shells).

Natural Objects



Man-made Objects



They should be **stable**, **strong** and comfortable.
Was baby bear's chair **stable** and **strong**?



Sticky Knowledge

- 1 Identify man-made and natural structures.
- 2 Identify stable and unstable structural shapes.
- 3 Work independently to make a stable structure, following a demonstration.
- 4 Produce a model that supports a teddy, using the appropriate materials and construction techniques.
- 5 Explain how they made their model strong, stiff and stable.