



Year 1 - Summer term

Three Bears' chairs

Key Vocabulary

Stable	Firmly fixed.
Stability	Being stable.
Wobbly	Likely to fall, unstable.
Strong	Can withstand force.
Collapse	To fall down or apart.
Purpose	The reason for something.
Fixed joint	Help provide stability.
Swivel	Turning or rotating on an axis.
Recliner	Leans backwards.



Lesson sequence	
Evaluation of existing products	Here the children can investigate and explore, finding out about the design aspects of chairs through design thinking.
Focussed tasks	Through a series of activities, children can be introduced to components that will help make a fixed joint <i>e.g. staple, glue</i> . They can be shown how to join a thin surface to a flat one i.e. splay out the end of the thin surface to make it wider. <i>What makes something stable?</i> The children can look at any everyday object <i>e.g. cup, tin, egg cup, photo frame, clock</i> . <i>What makes the object stand up? Why doesn't it wobble or fall down.</i>
Design	<i>What chair do they think would be suitable for baby bear and why?</i> <i>What material will they use?</i> <i>How will they join it?</i> <i>What finish will they use?</i> <i>Will their chair be the right size for baby bear?</i> <i>How will they check it?</i> <i>Will it be stable?</i> <i>How will they know?</i>
Make	Make sure that the children have access to a variety of materials during discussion time so they can start to model with /manipulate them. Put out different joiners including different glues so the children can make their own decisions.
Evaluate	<i>Is it the right size?</i> <i>Does the chair wobble?</i> <i>Do they think the chair will be comfortable?</i> <i>Why?</i> <i>Do they think it needs any changes?</i>
Health and Safety	Using equipment safely such as scissors.