

Year 1 – Lesson Plan 1 – D.T.

Can You Build a Home for a Bug?

Aim: To design and build a simple bug hotel using natural and recycled materials.	Key Words: • design • structure • shelter • habitat • build	Preparation: • Cardboard tubes, small wooden sticks, pinecones, string, dry leaves, bark, flower pots, plastic bottles (cut), egg boxes • Scissors, glue, sticky tape • Large trays or boxes to build in • Pictures of bug hotels and minibeasts
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Prior Learning: Children will have learned about animals and their habitats in science.

WC / PT	Warm-up: Show children pictures of real bug hotels. Ask: <i>What do bugs need to stay safe? What might they like inside their homes?</i>	0-5 mins
WC	Main Teach: Talk about different types of minibeasts (e.g. ladybirds, woodlice, bees) and what they need in their habitat (dark places, small spaces, dry leaves). Demonstrate a simple bug hotel build.	5-10 mins
I / S	Activity: Children work individually or in pairs to design and build their own bug hotel using materials provided. Encourage thinking about layers, shelter, and entrances.	10-30 mins
I	Extension Challenge: Children label the different parts of their hotel or create a welcome sign for bugs.	30-35 mins
WC	Plenary: Tour the bug hotels as a class. Ask: <i>Which materials worked best? Would a bug want to live in your hotel? Why?</i>	35-40 mins

WC – Whole Class

PT – Partner Talk

I – Independent

S - Support

Challenge A	Go on a minibeast hunt around the school grounds and record which insects you find.
Challenge B	Write instructions for how to build a bug hotel so someone else could try it.