

# Choosing Materials

## Task 1

Look at the pictures of each of the shelters.

Draw lines to match each shelter with the **most suitable list** of construction materials and components.



- Lightweight fabric
- Bamboo poles
- Hook and loop fasteners
- Foam

- Corrugated steel
- Timber frame
- Metal bolts

- Wood
- Roof felt
- Panel pins
- Wooden rod



## Task 2

Think about the shelter that you are designing. You need to **choose the construction materials**.

Answer the questions in the spaces below.

Which of the two shelters have you decided to make, a bird house or a bug hotel?

.....

Which features do you think will be the **most important** from the list below?

aesthetics

durability

strength

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Next, look at the range of **different construction materials** you have available to you. Write the name of each in one of the spaces and jot down your thoughts about **how suitable** it is.

Construction material name: .....	Construction material name: .....	Construction material name: .....
Construction material name: .....	Construction material name: .....	Construction material name: .....
Construction material name: .....	Construction material name: .....	Construction material name: .....

When you have completed this for all the materials, **make your final decision about which ones to use**. Write the names of your chosen materials in the space provided and briefly explain why you have chosen them.



My chosen construction materials are: .....

.....

I have chosen these materials because: .....

.....

.....

.....

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## Answers

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