

**Design and Technology– Year 1 – spring 1 and 2 - Houses**

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| Vocabulary  **Skills**  Name main features of a house.  Identify different ways of combining materials.  Identify a hinge join.  Design a product.  Discuss their design.  Evaluate a finished product.  Image result for books on making houses ks1Image result for books on making houses ks1  **Books**  **Knowledge**  To explore different types of houses and identify shapes and features.  To investigate how to join and combine shapes to make a house.  To investigate ways of creating the interior features of a house.  To be able to design a house.  To be able to follow a design to create a house.  To be able to evaluate a finished product.  Image result for pictures of houses cartoon | Meaning |
| **bungalow** | A house that only has one storey. |
| **cottage** | A small house usually in the country. |
| **detached** | A separate house on its own. |
| **design** | A plan or drawing produced to show an object before it is made. |
| **designer** | A person who plans the look or workings of something before it is made, by preparing drawings or plans. |
| **evaluate** | To assess, [judge](https://dictionary.cambridge.org/dictionary/english/judge) or [calculate](https://dictionary.cambridge.org/dictionary/english/calculate) the [quality](https://dictionary.cambridge.org/dictionary/english/quality) of something. |
| **materials** | The matter from which a thing is or can be made. |
| **stable** | Firmly fixed, not likely to overturn. |
| **semi-detached** | A house joined to another house on one side. |
| **terraced** | A row of houses joined together. |



**What I will know and be able to do at the end of the topic.**

**Growth Mindset Strategies**



**What I should be able to do and know now.**

**Knowledge**

**How many different types of houses can you think of?** Flat, bungalow, cottage, semi-detached, detached, terraced.

**What materials could we use to make a model house and how can we join them together to create a stable structure?** – A variety of materials, such as boxes, card, tubes, recycled materials, as well as tools with which to shape and join the materials, such as scissors, glue and masking tape.

**Can you recall which characters built houses from different materials in a fairy story?**  – The 3 little pigs used straw, wood and brick to build houses. The brick house was the strongest.

**Skills –**

Using your knowledge from science, what properties should the materials have that you use for your house? –

The material should be strong, flexible, hard, easy to cut.

**Knowledge**

They safely use and explore a variety of materials, tools and techniques, experimenting with colour, design, texture, form and function.

Know what they are making.

Understand simple characteristics of materials.

**Skills**

How to cut with scissors.

How to draw a picture.

Explain their choices.

Use knowledge of existing products to help come up with ideas.

**What I will be learning**

1. How to recognise some different types of homes and their features.
2. How to use materials for a particular purpose.
3. To choose materials and joining methods for creating items of furniture.
4. How to design a house for a particular purpose.
5. How to follow a design to create a model, selecting appropriate tools and materials.
6. How to evaluate a finished product.