

Careers linked to this topic
Builder, material tester, textile
artist, pipe fitter.

Everyday Materials (2)



Lesson 1 Build a structure to withstand wind.

What materials are suitable when building a house?

Design a windproof structure
(DO: perform simple tests REVIEW: using observations and ideas to answer questions) brick, solid, clay, strong, wind

Lesson 2 Designing a waterproof outfit.

What does waterproof mean and which materials are waterproof?

Design a waterproof outfit
(DO: perform simple tests REVIEW: using observations and ideas to answer questions) roof, non-absorbent, waterproof, absorbent, slate

Lesson 3 Understand the properties of glass and its uses.

Why is glass the best material for windows?

Design and create windows and a door
(REVIEW – Interpret & Report Use observations to suggest answers to questions)

Window frame, window pane, suitable, opaque, transparent

What materials are suitable for different uses?

Year 1 - Wagtails
Spring 2

Materials which are suitable to use to build a window.



Objects which are suitable to use in windy weather.



Objects which are made from cotton.



Clothing which is suitable to wear in wet weather.



Materials which are suitable to make a house from.



Materials which are absorbent.



Lesson 4 Understand that materials are used to create a variety of furniture.

What material properties do we need when building different furniture?

Design and create a bed for the wolf
(DO: perform simple tests REVIEW: using observations and ideas to answer questions) fabric, furniture, cotton, mattress, soft

Lesson 5 Explain the uses of materials and why they are suitable.

What material would be best?
Sorting materials (REVIEW: using observations and ideas to answer questions; identify & classify)
Evaluate, garden, material, properties, tile

