

Lesson Plan KS1



SCIENCE - Building Blocks

Lesson Objective

To compare the suitability of a variety of everyday materials.

Starter	Main Teaching	Resources
Listen to the <i>Materials Song</i>, pausing at each material question (What is made of glass, wood, paper, plastic, fabric and metal?) to allow children to suggest objects they saw in church that are made of these materials. List suggestions on the board. The <i>Material Song</i> can be found at: https://www.youtube.com/watch?v=WinXpFTempo	Activity 1 - What a pane! What is a window made of and why? Test the suitability of other materials being used in place of glass, by holding each one up at the window (e.g. a piece of wood, paper, plastic, fabric and metal). Once by one, discuss why each material is or isn't suitable. Children explain why, by describing the properties of the materials. Record these words on the board. Activity 2 - Who am I? In pairs, play who am I but involve actions to reinforce understanding: One child thinks of a material and describes it's properties whilst acting out movements, e.g. bendy - bends arms/legs/body; transparent - pretends to be able to see through themselves; hard - stands rigid or stands strong showing muscles, etc. The other child has to work out, from these descriptive clues and actions, which material they are pretending to be. Activity 3 - Build it! In small groups, children choose an object that they saw in church, e.g. organ stool, chair, Bible, altar rail. They then make this object out of the different materials and test their suitability. Activity 4 - Consider it... Using the properties of the materials, the children explain what they found out and record their experiments.	https://www.youtube.com/watch?v=WinXpFTempo Wood, paper, plastic, fabric and metal. Glue/tape