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# Everyday Materials KS1 Full Day Schools Programme

Main science themes:

- Distinguish between an **object and the material** from which it is made
- **Identify** and name **a variety of everyday materials**, including wood, plastic, glass, water, and rock
- **Describe** the **simple physical properties** of a variety of everyday materials
- Compare **and group together** a variety of everyday materials on the basis of their simple physical properties.

A provisional timetable is shown below.

<b>Everyday Materials Programme</b> Introductions to the Team. Safety Briefing. Overview of the Session.				
Time	Wood Group A	Plastic Group B	Glass Group C	Metal Group D
1015	Material Sorting Workshop	Three Little Pigs Workshop	Bridge Building Workshop	Discovery Trail
1100	Snack break			
1115	Discovery Trail	Material Sorting Workshop	Three Little Pigs Workshop	Bridge Building Workshop
1200	Lunch break			
1230	Bridge Building Workshop	Discovery Trail	Material Sorting Workshop	Three Little Pigs Workshop
1315	Three Little Pigs Workshop	Bridge Building Workshop	Discovery Trail	Material Sorting Workshop
1400	Review session Departure approx. 14:15			

- Your school will have **Exclusive Use** of our Gallery.
- Our Programmes are mapped to the KS1 & KS2 National Curriculum.

By visiting Science Alive or Harlow Museum , you are supporting a local Charity set up to help educate the young people of Harlow & surrounding areas in a fun, hands on and inspiring way. Thank you for your support.

Science Alive is a Registered Charity No. 1107549  
[info@science-alive.co.uk](mailto:info@science-alive.co.uk)

# Everyday Materials KS1

## Three Little Pigs Workshops

The tale of the **three little pigs** with a twist. Which materials make a good house? Which properties give these materials their advantages?

This is a teamwork based activity in which children build houses from **three different materials** to investigate how they work. Let's blow them down!

This presenter-led workshop will give you a fantastic introduction to materials and their properties.



## Bridge Building Workshop

Bridges and weights come together in this **material properties** and engineering workshop. Which materials make for a good bridge? How does shape and size effect a bridges strength? Will your bridge survive weight?



## Material Sorting Workshop

Can you **group different materials** together based on the different properties they have? Can you **identify** which materials the objects are made of? Let's find out in our material sorting workshop!

## Discovery Trail

Will you **recognise the materials** which objects of our gallery are made of? This independent discovery trail, is an overview of the topics covered in our Everyday Materials workshops.

