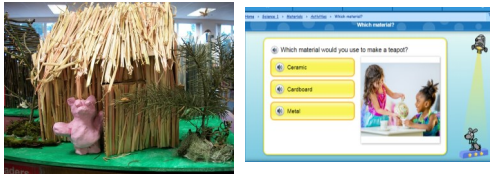


Design , label and build 3 small houses for a small toy made out of **3 very different materials**. Try using Lego, twigs, straw, paper or card. To make it a fair test take the same amount of time to build each one.

[http://192.168.1.7/espresso/primary\\_uk/subject/module/activity/item1138068/grade1/module1128907/index.html](http://192.168.1.7/espresso/primary_uk/subject/module/activity/item1138068/grade1/module1128907/index.html)



Test each of your 3 little pigs houses for strength by **creating a force of wind** using an empty squeeze bottle, or a draft by waving a large book, or ask an adult to support the use of a hairdryer or fan or invent your own way of creating a force of wind. Remember for a fair test, use the same choice for each house!



**Outside your home** and in your garden find as many different objects made of **plastic** that you can in 10 minutes!



**Inside your home** find as many different objects made out of **metal** that you can in 10 minutes!



Choose and **hide an object** that is mostly made out of **one material**. Describe it's properties to an adult or another child. Can they guess what it is?

Swap roles. Can you guess their new object that they're hiding.

Challenge—Try limiting the amount of guesses!



Play a game of I—spy around your home.

"I— spy with my little eye something made out of wood/plastic/metal/fabric/paper! "



## Year 2 Science Home Learning Materials



Design, label and make a pig out of a **variety of materials**. How many different materials can you use?



The Big Bad Wolf would like a home too. It must be **waterproof**. Which junk materials could you use? Test the materials out first by pouring water over them in a basin. Which do you think would be the most waterproof material? Now design, label and create the Big Bad Wolf's home!

Make a tally chart of different materials you can find in your bedroom. Can you predict how many will have the most or least?

Material	Tally	Total
Paper/card		
Plastic		
Metal/foil		
Glass		
Textiles		
Wood		

<https://www.bbc.co.uk/bitesize/topics/zrsgk7/articles/z9pgcdm>

