

STEAM ON!

TEXTURES AND MATERIALS!

When you're building a house, some materials are kinder to the environment than others. We need to use materials that are recycled, renewable and don't use too much energy.



Today we're going to make a collage to try out different eco friendly materials for our house design.

Let's look at four materials:

- Recycled metal - especially steel - uses 75% less energy than new steel.
- Wood - bamboo is best because it regrows fast!
- Earth - great for insulation
- Natural fibres like straw and wool

For this project you'll need:

- A piece of card
- Glue
- Eco friendly materials or things a bit like them.



Cut your card to the size you want and divide it into four. Add a title as well.



STEAM ON!



Earth is a great material for Insulation. Building made of earth stay warm in winter and cool in summer.

Wood, especially bamboo is a material that can be regrown again and again.



Keep building up your materials and textures until your card is full.

How would you use these materials to build a house that is kind to the environment?

TEXTURES AND MATERIALS!

Get your metallic materials and start building up a collage. What texture does metal have?

Think about how you could use recycled metal in your eco home.



Straw bales work in the same way as earth, keeping houses warm or cool. Wool is another great natural insulator and both wool and straw can be regrown quickly.

