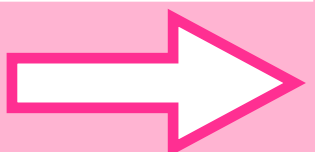


Everyday Materials

Today we will be...

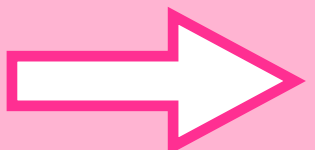
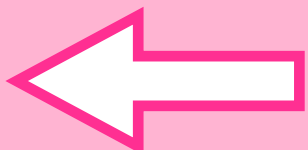
Thinking about why some materials are better for some objects than others.





This is Jimmy. Jimmy wants to build a little kennel for his dog, Peanut, and he wants to make it as soft and comfortable as possible. He has decided that he will make it out of rolls of cotton wool so that it is nice and cosy.

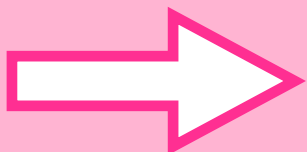
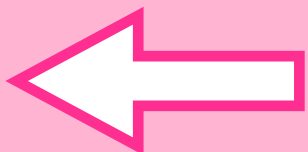
**Do you think this is a good idea?
Why or why not?**



This is Cora. Cora loves football but she does not have a football of her own. She has decided to try and make one out of cardboard.



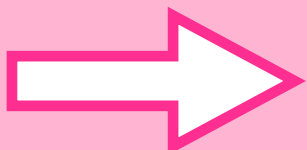
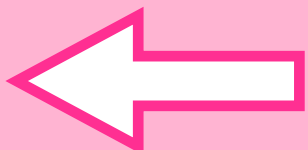
**Do you think this is a good idea?
Why or why not?**





This is Peter. Peter and his friends love puppets. They are going to try and make their own puppets out of tinfoil so they are shiny.

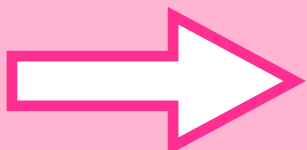
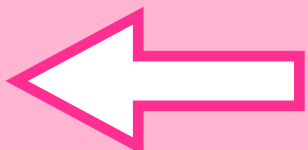
**Do you think this is a good idea?
Why or why not?**



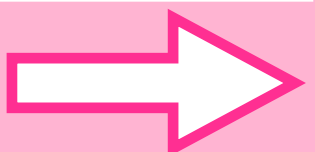
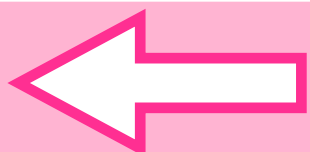
Different materials have different **properties** and some are more suited to some purposes than others. For example, it is no use making an object that needs to be **hard** and **smooth** from a material that is **soft** and **fluffy**.



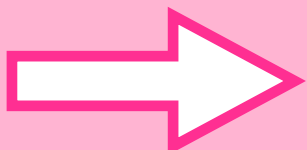
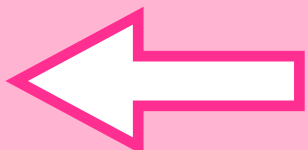
Why do you think lots of houses are made out of brick?



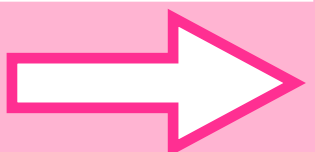
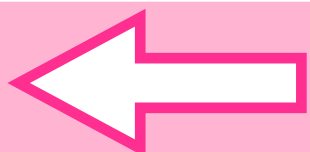
Houses have to be sturdy and strong so they don't fall down. Bricks are perfect for houses because they are **hard**, **rigid** and **tough**. They won't move in the wind and they don't let rain water into the house because they are **waterproof**.



Why do you think clothes are made out of fabric?

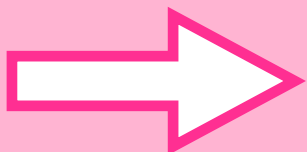
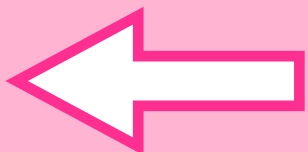


Clothes have to be comfortable and they have to let us move. Fabric is **flexible** and **stretchy** so we can move our arms and legs without being stopped. If clothes were made out of wood or stone it would be very difficult to move!

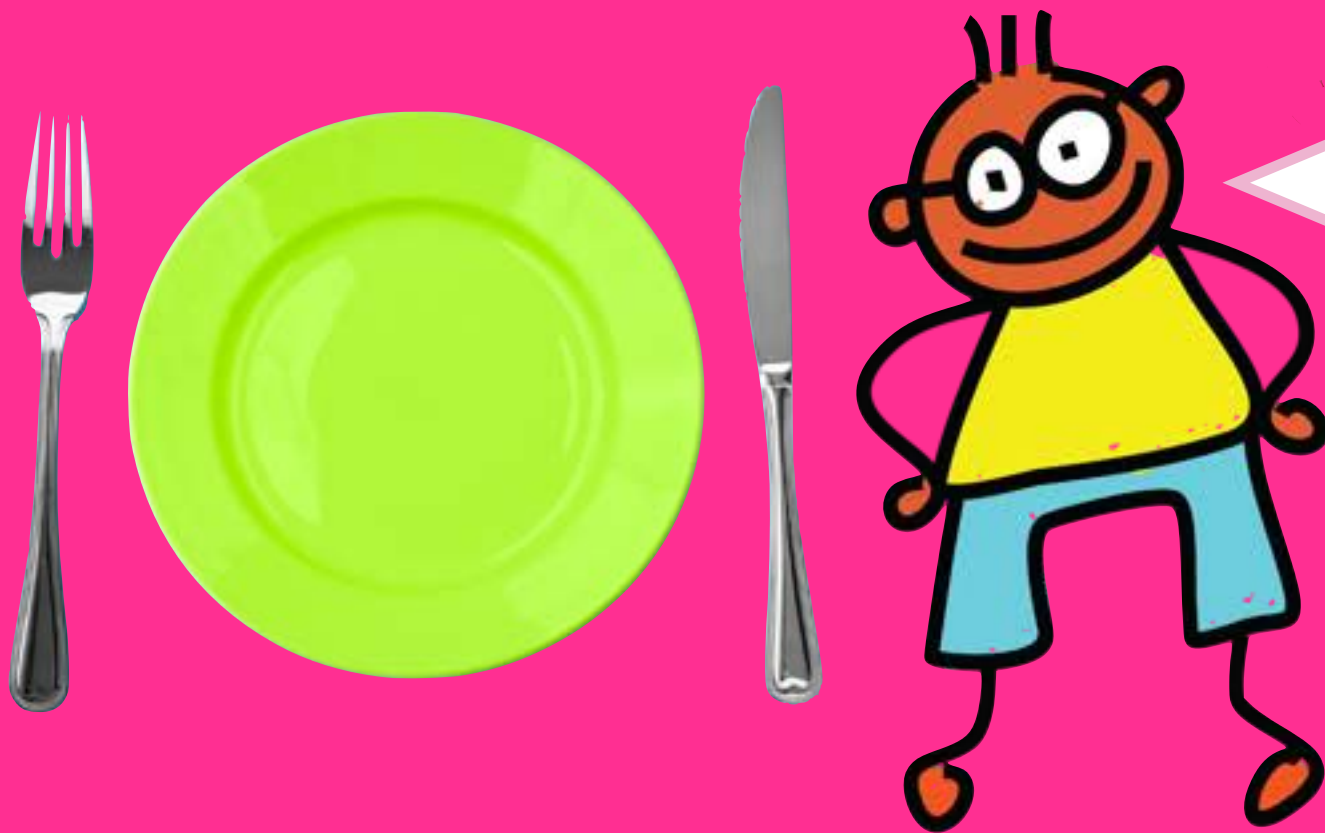




**Why do you
think lots of
tables are
made out of
wood?**



Tables have to be **hard** and **sturdy**. Wood is good material for tables because it will not **stretch** or **bend** when you lean on it. Wood is also lighter than stone or glass and usually much cheaper as well.



Imagine trying to
eat your dinner
off a table made
of elastic or
cotton wool!

