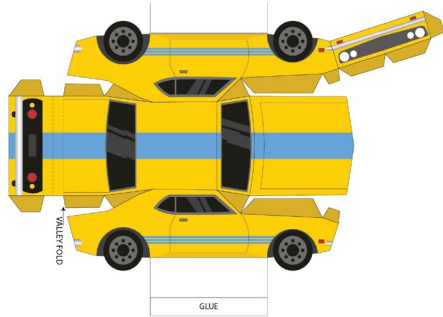


Y8 Mastery in: Design & Technology

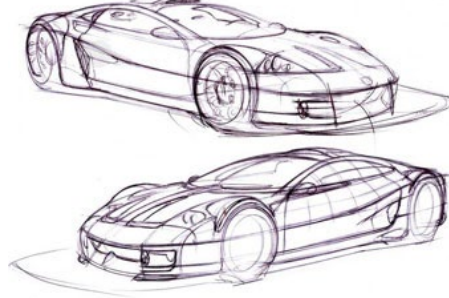


Research **famous car designs** and produce a collage showing your favourites.

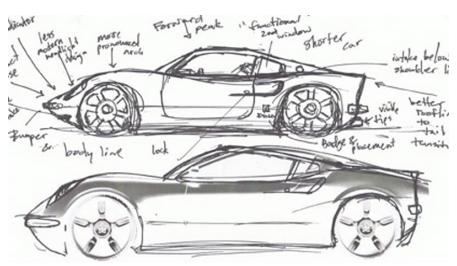


Print out a template and **build a paper car**

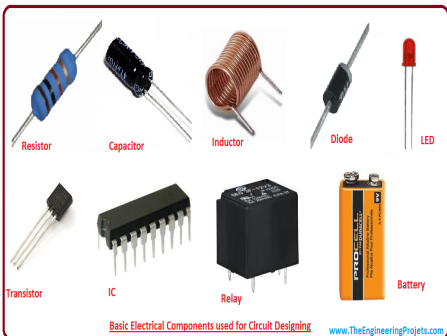
<https://www.printablee.com/post/printable-paper-cars-159382/>



Draw a design for a new car or vehicle

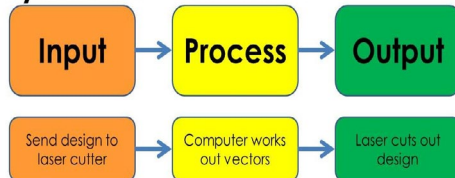


Annotate to explain the materials, finish and colours of your design



Can you identify several electrical components in the home?

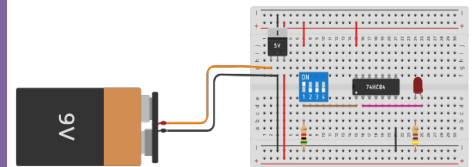
Systems and control:



Can you do an input process and output diagram for an electrical device?



Using the link below <https://www.youtube.com/watch?v=kkCaxczwWw> can you explain how the ring doorbell works?

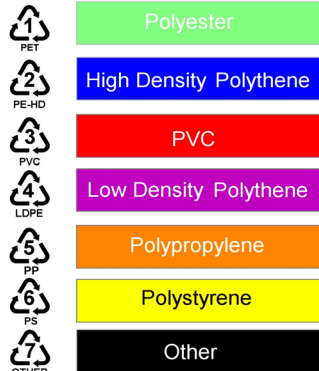


Tinkercad: **Design your own** circuit using tinkercad.



What happens to our waste once we send it for recycling?

<https://www.veolia.co.uk/sheffield/recycling-sites>



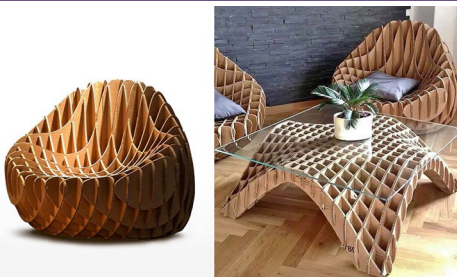
How many different polymers can you find in your home? The symbols are usually on the labels.



How can you reduce your waste, even further, at home? <https://www.veolia.co.uk/sheffield/reducing-waste/home-composting>



Can you create an area at home where you can make your own compost site and grow herbs in Spring?



<https://www.yankodesign.com/2021/08/26/cardboard-furniture-designs-that-prove-just-how-sustainable-versatile-and-easy-to-use-this-everyday-material-is/>

Can you create a piece of furniture using cardboard?



Can you explain which of the Design Movements in the link <https://www.youtube.com/watch?v=WhdYYKWhaMU> is your favourite and why?



Using slides 62-63 on this link https://www.jamesdysonfoundation.co.uk/content/dam/pdf/JDF_with%20cover%20challenge-cards_DIGITAL.pdf can you make your own chair?



Can you design your own chair using the characteristics from one of the design movements? (linking to step two)