

CoolitArt

Flat Pack Zoo



This is a mix between maths and art, but once you master it you will be able to make any animal!

Tools and Materials:

- Card
- Colouring Pencils
- Pencil
- Sellotape
- Pritt Stick
- Ruler
- Scissors



The trickiest part of the whole thing is drawing the net for the cube which forms the body. We have drawn our cube as 5x5cm you can change the size if you want when you are more comfortable doing it. Use the edge of the paper as a guide, plus allowing 1cm for a flap make your first mark 6cm in from the side



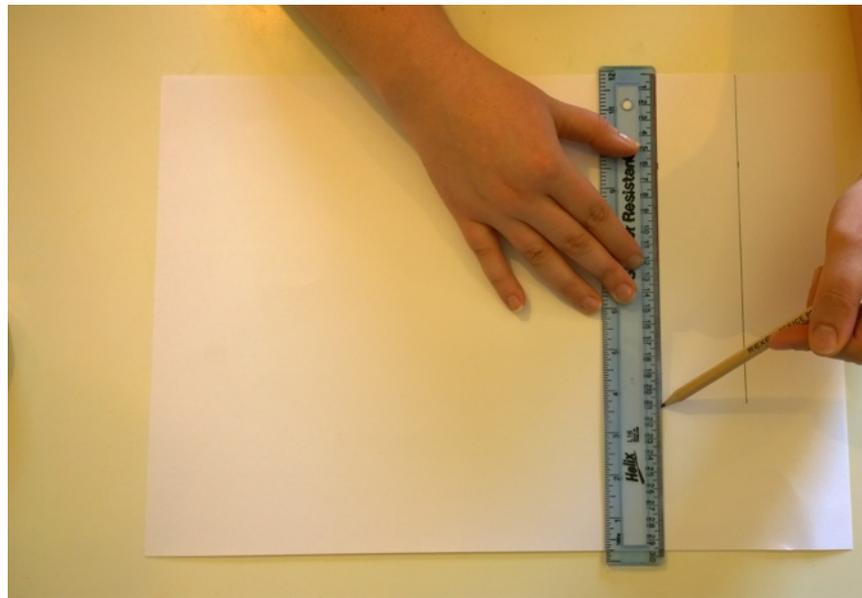
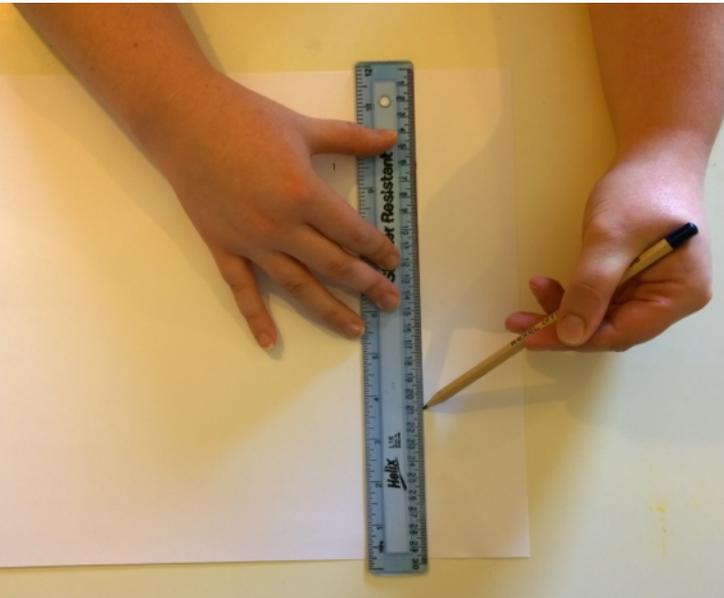
Then from this mark measure 5cms along and make a mark



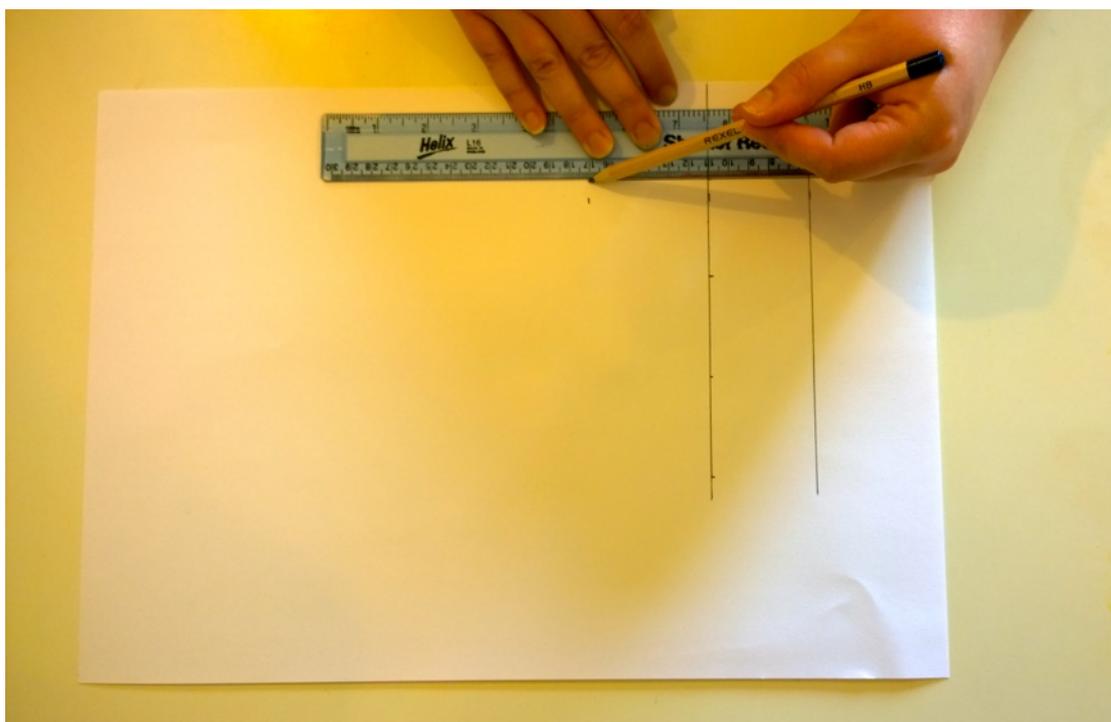
Lastly make another mark 6cms away from that one (1cm flap makes it 6cm in total for a 5cm cube)



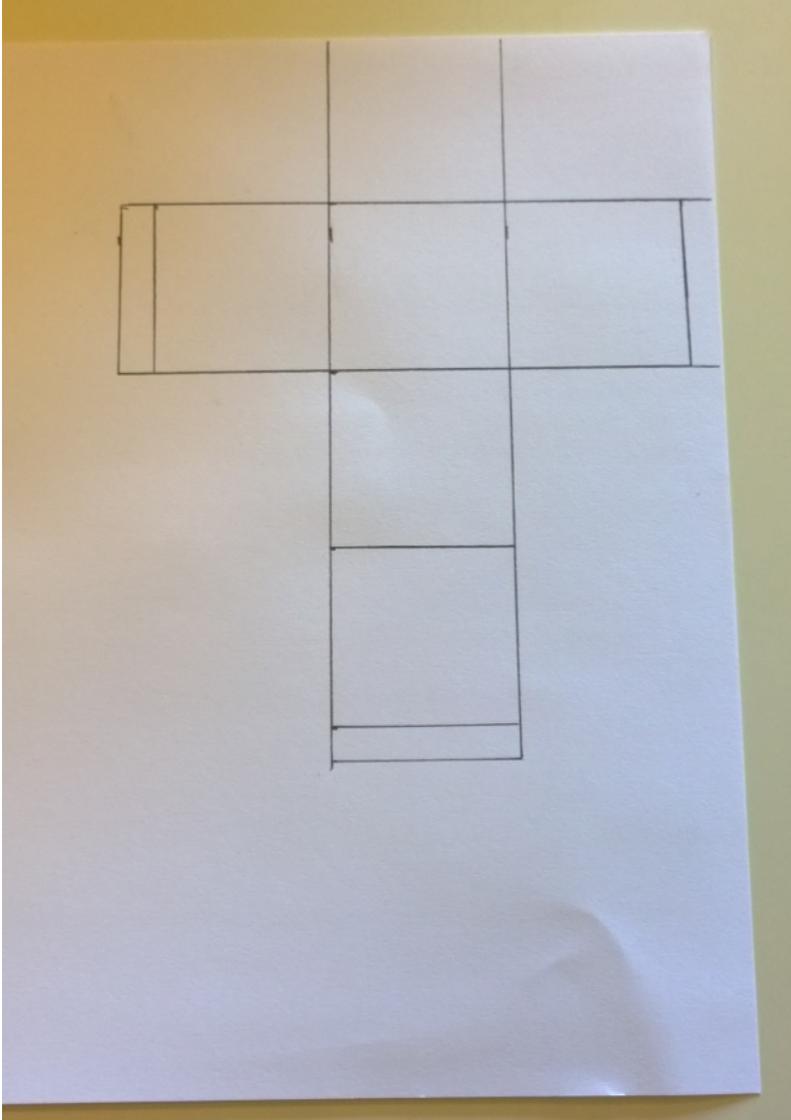
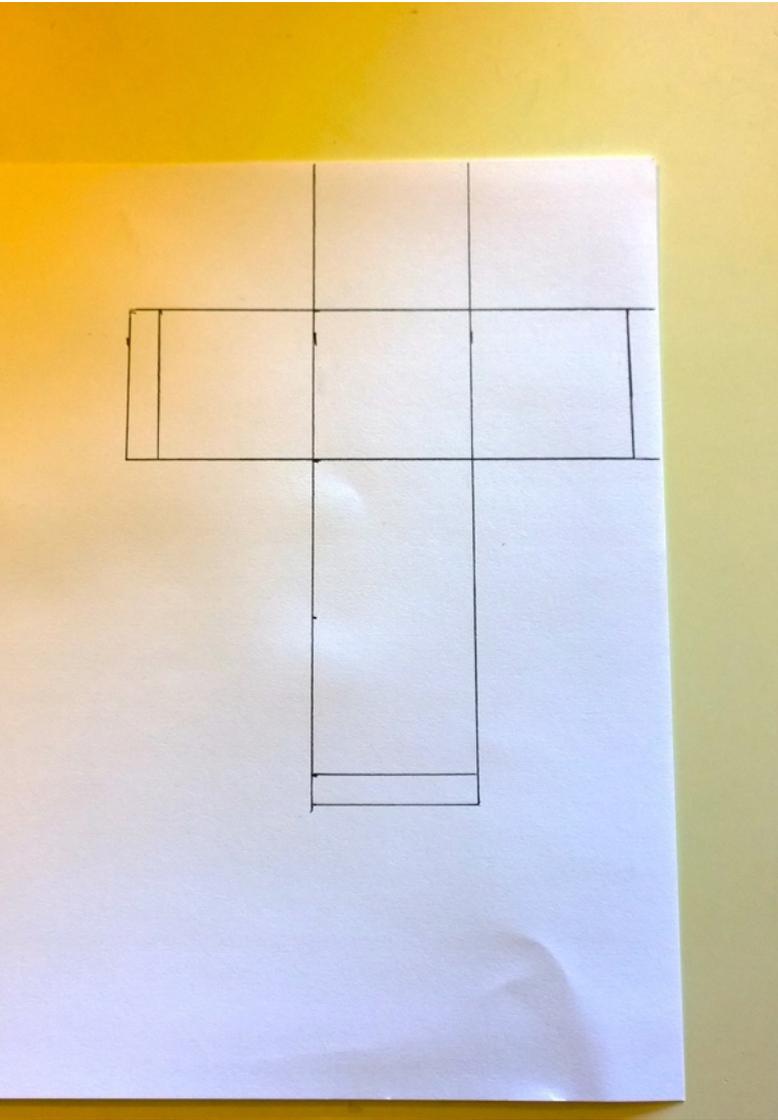
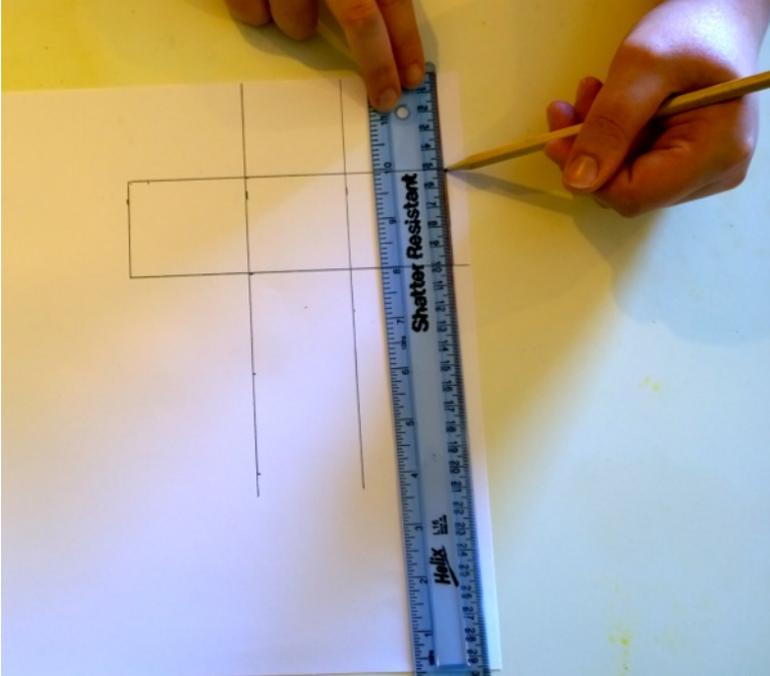
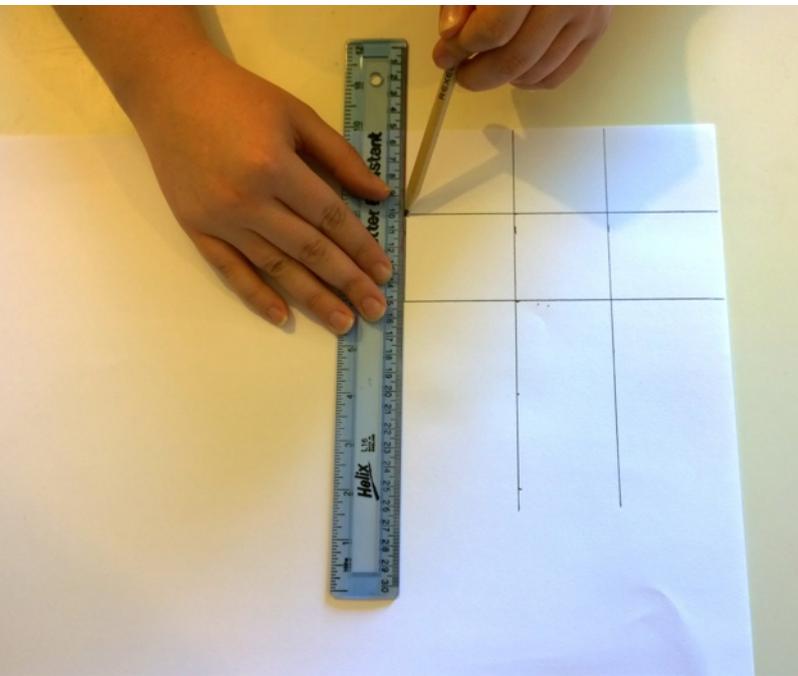
Now to form the net, using the marks you have already made in the middle for the 5cm portion draw 21cm up from the bottom of the page (4 sides of a cube plus 1cm flap)
Remember to make marks every 5cms up



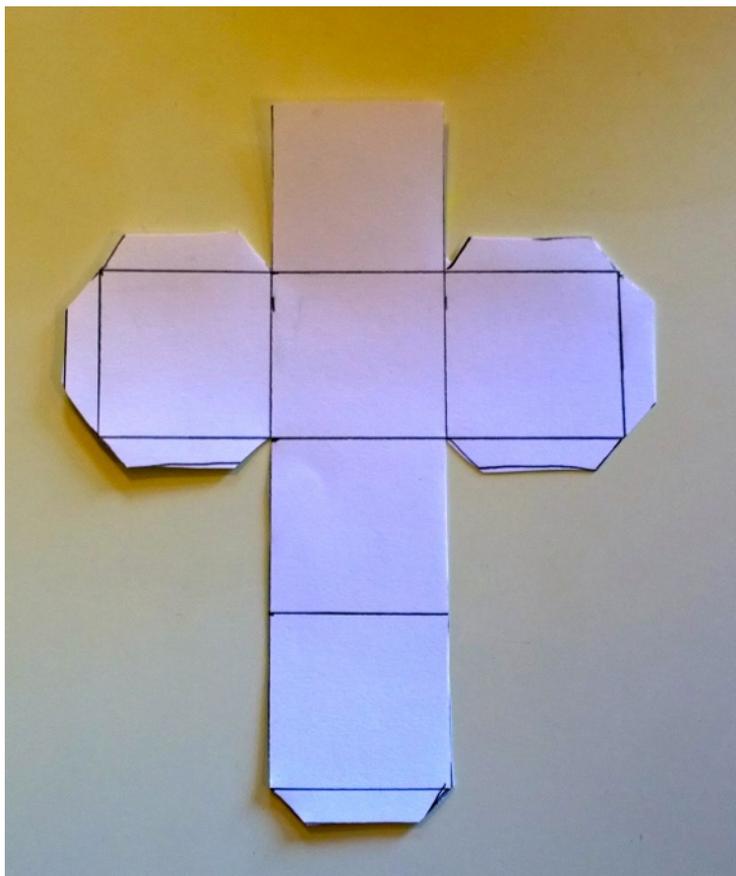
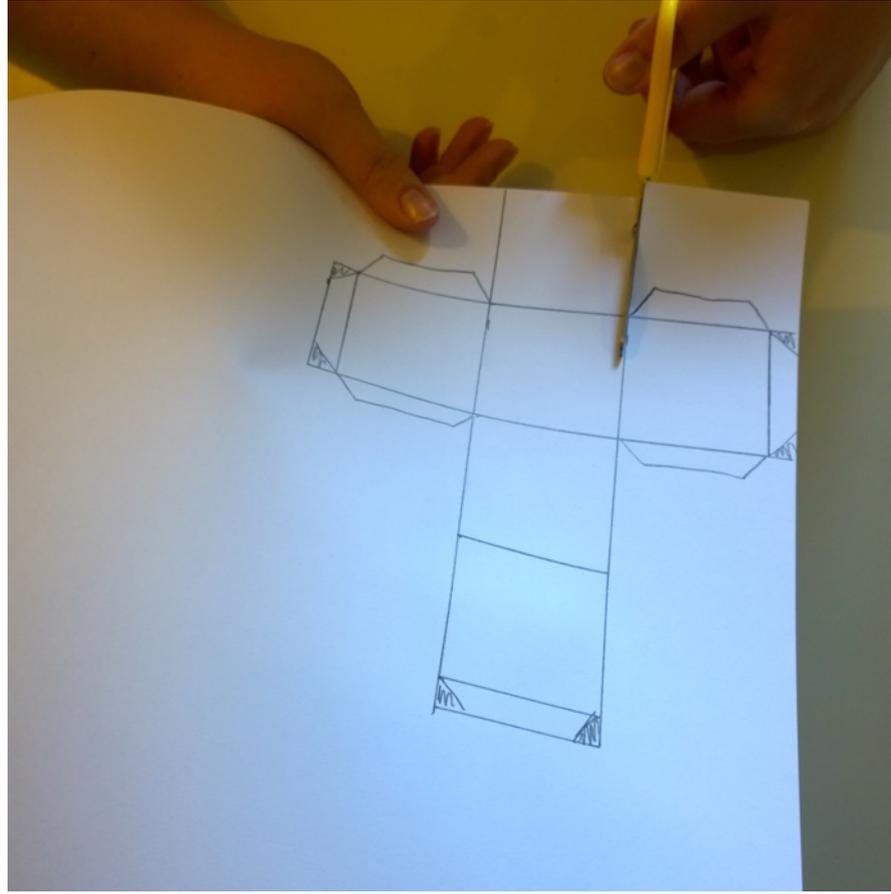
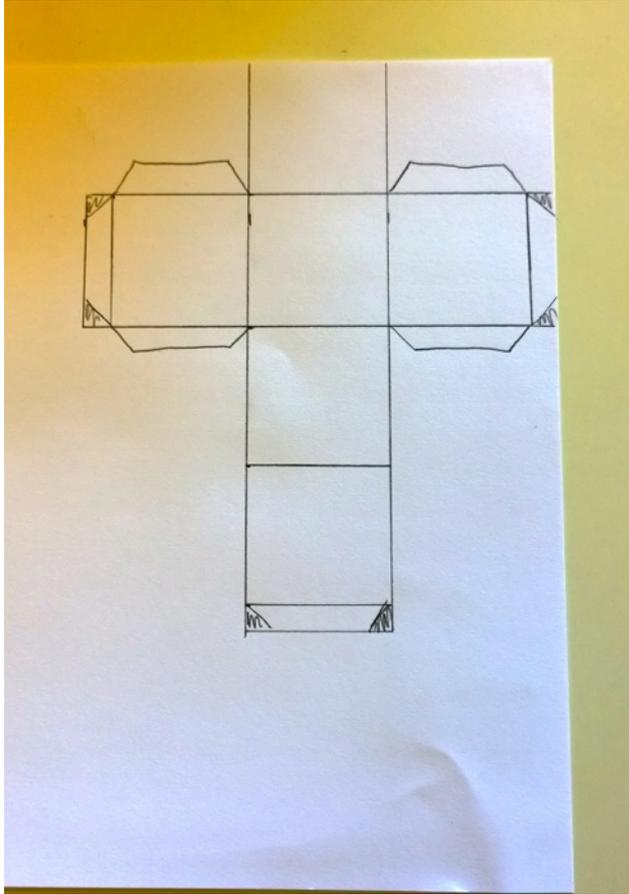
So now to draw the connecting lines using 5cm up from the bottom connect the two 6cms and 5cm measurements, and repeat 10cm up from the bottom



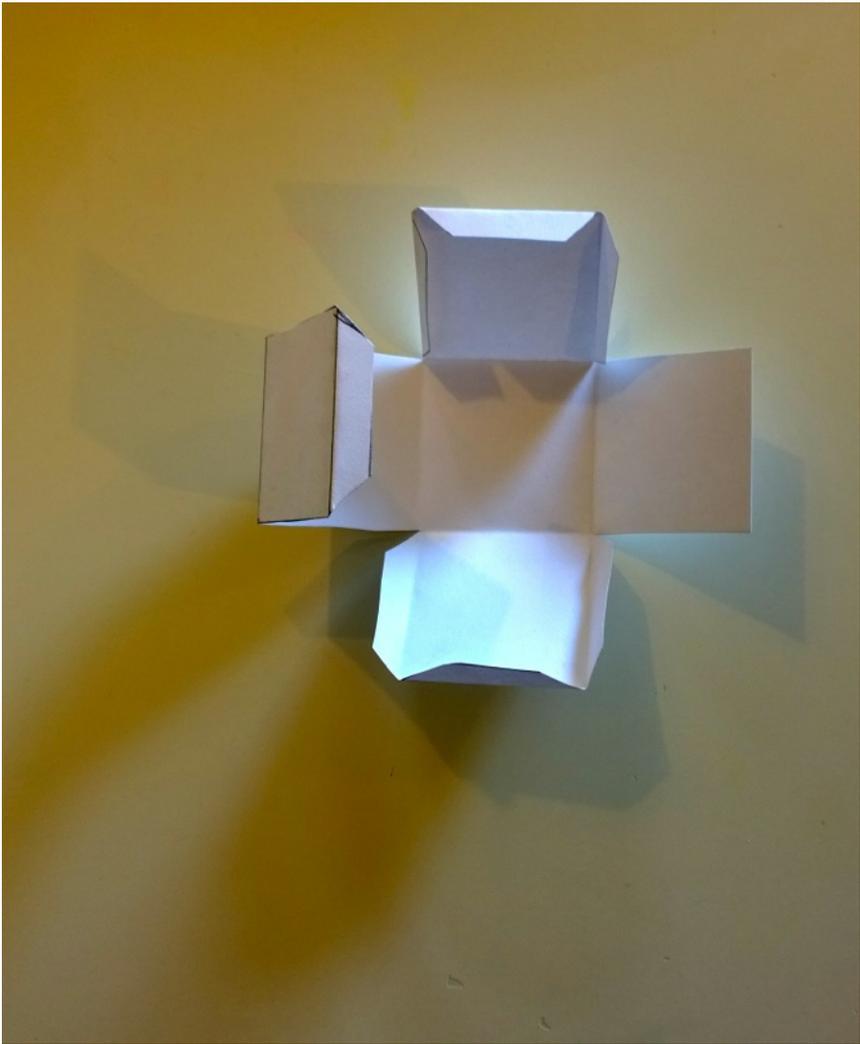
Now you can start finishing the squares by adding edges to them and dividing the rectangles into the 5cm squares (some have a 1 cm flap which is why they are 6cm)



Now add in flaps on the sides of the 2 squares on their own, you can measure them out - we just drew them freehand as long as they look roughly 1cm wide it will work. Once done you can cut it out



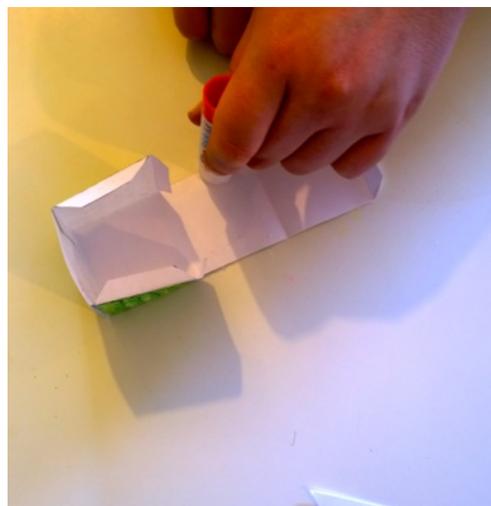
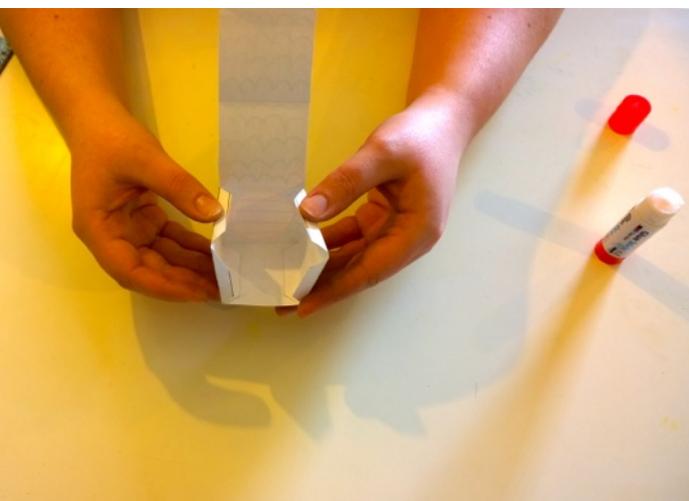
Start folding the net on the lines so you can make it into a cube



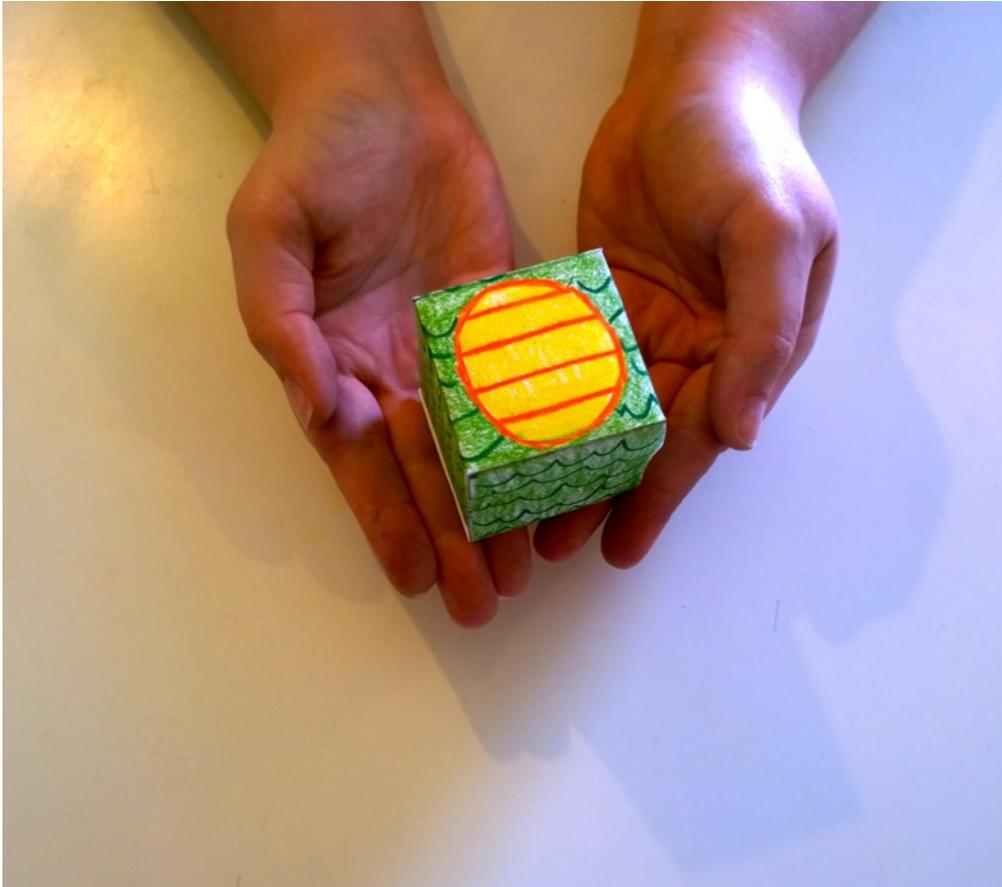
It is important before you start sticking the cube together that you decorate the body of your animal first as it is much easier to colour in when it is flat!



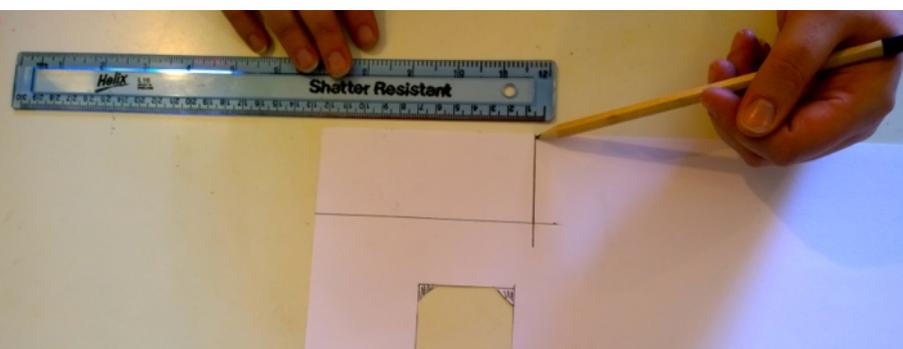
Then glue it together, you want to glue the flaps and stick them on the inside of the cube, you will end up with a lidded box then you can glue down the last flap



You will end up with a cube looking like this - if you have difficulty with the pritt stick you can always reinforce it with sellotape!



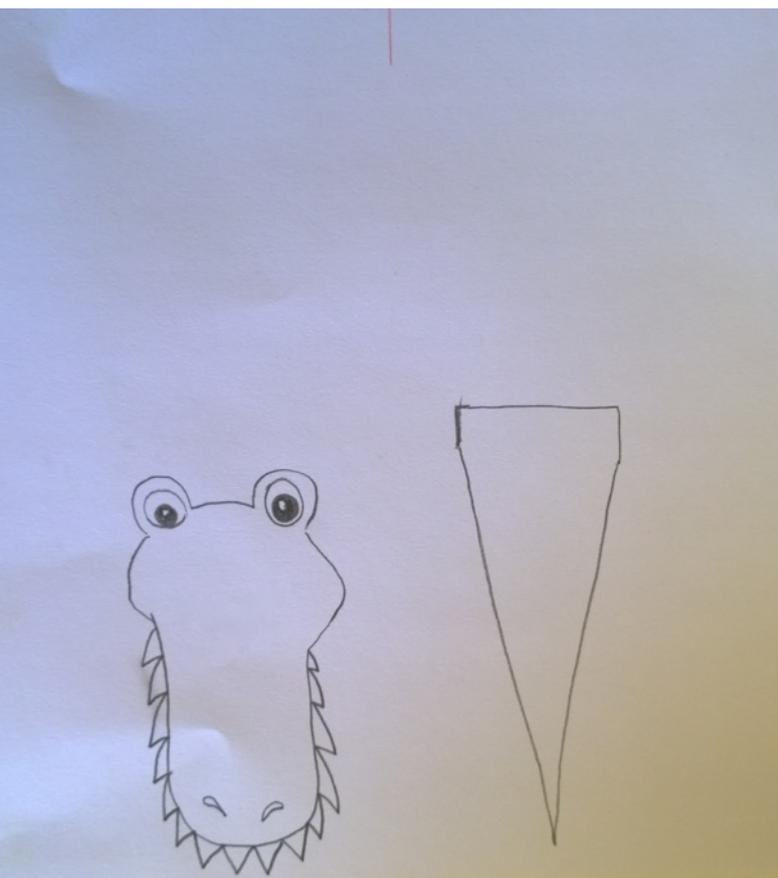
Now onto the legs because our cube is 5cm the legs are 5 x 3cm, so draw a rectangle 12 x 5 cm (3cm x 4 legs = 12cm)



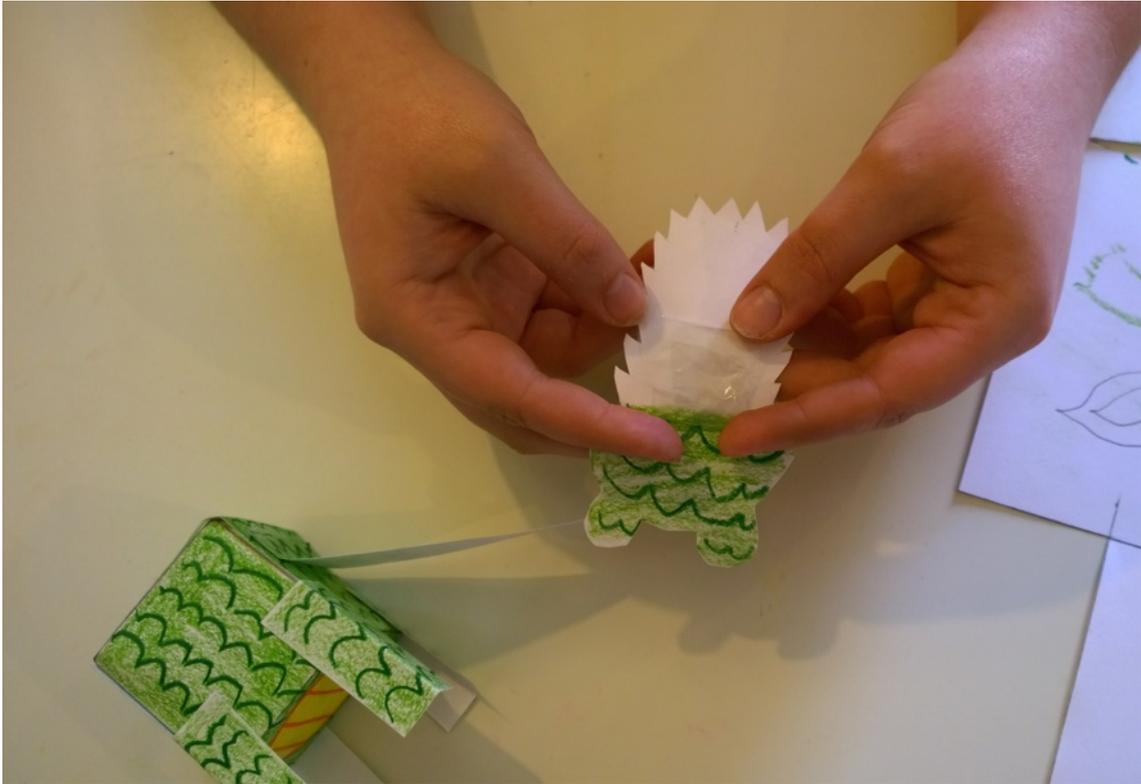
After cutting out and colouring in the legs you can stick them onto your animal like so



Now draw out your animals face and tail (if they have a tail!) - colour in and cut out and then stick on to the body



We used a loop of sellotape on the head to give it a sense of movement



Are there you have it your first animal for you flatpack zoo!



Here is another animal we made to give you some inspiration!

