

Structures

Playground Equipment

Design and Technology

Lesson 1

Whenever you are designing a product, you need to make sure that it is suitable for the purpose you are designing it for.



Teddies need to be soft and fluffy, with no sharp bits.



Beach balls need to be light and be able to let air get in and out.



Bags need to be carried easily and be secure so nothing falls out.

What do you think the designer of these swings was thinking about when he designed them?



What did he need these swings to be?

Talk about the questions with an adult.

The designer thought about.....

Chains that are able to swing and that won't snap.



Safe seats
so young
children
don't fall
out.

Wide base
so that the
stand
doesn't fall
over.

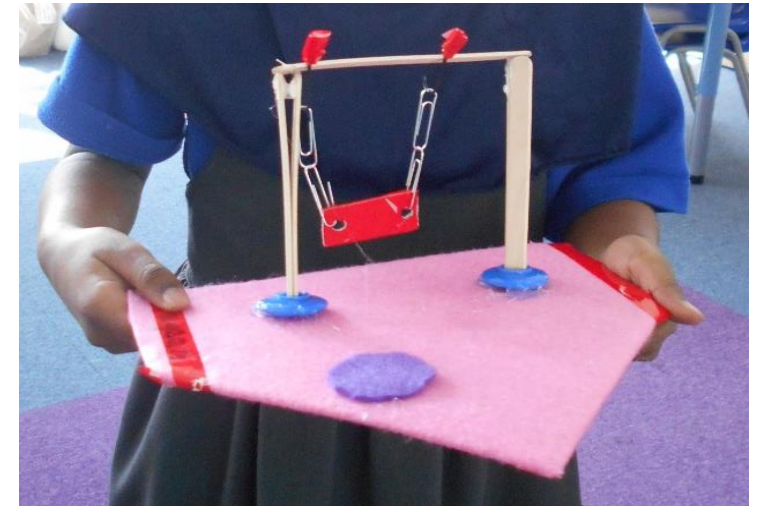
You are going to be designing and making your own playground equipment. What do you think you need to think about when designing your own equipment? Have a look at some that year one children have made before.



How will you make it strong enough to stand by itself?



How will you join the parts together? Will you use sticky tape or glue or another way?



Think about how you will make the parts move.