

Key Questions:

How will my litter picker work?

What recycled materials will be suitable for a litter picker design?

Year 2

DT

How do I design a functional litter picker from recycled materials?

Key concepts:

To learn about design

How will my litter picker collect and hold refuse?

To learn about recycled materials

Which recycled materials are strong and can be joined?

To learn about functional products

Was my litter picker up to the job?

Key skills:

I can look at how existing products work

I can talk about recycled materials, their properties and shape

I can explore and generate different design ideas

I can explore the way materials join

I can think critically about my design as I create it

I can evaluate whether my design is functional and suits the purpose



Key words:

Litter picker, recycled, materials, design, make, cut, glue, stick, join, assemble, function, purpose

Design:

What will your litter picker look like?

What materials will be strong enough?



Create:

What recycled materials can I use in my design?



How can I assemble materials?



Evaluate:

Did your design work? Was it strong enough?

Which designs were the best and why?



Find out what other designs can be created from recycled materials that are functional.



Try at home:  
Can you create a new functional object from recycled materials?



What I would like to know:

