

Challenge cards

Cut up the cards and pick one to get started.

What does this make you think about? What problem do you need to solve? What invention can you come up with?

You can also make up your own or adapt one of these!



Invent a children's playground that generates green energy

Invent a new way to package food and drinks that doesn't use plastic

Design a house made from things you can find on the beach

Invent a method of transport using butterflies

Invent an item of clothing that will attract bees and butterflies

Invent a device that protects trees from illegal logging



Invent a train that can also travel
across the sea

Invent a hat that harnesses green
energy to power all your devices

Invent a gadget to pollinate flowers

Invent a use for empty coconut
shells

Invent a way to use a volcano to
heat a city

Invent a way to get rid of the
smog in cities

Invent a way to rescue animals
from wildfires

Invent a jacket that can be useful
in a flood



Invent a way to grow plants in the desert

Invent a cup that can clean dirty water before you drink it

Invent a way to fix the holes in the ozone layer

Invent a way to get rid of the 8 million tonnes of plastic that enter in the oceans each year

Invent a schoolbag that can protect you from pollution

Invent a way to stop rivers from flooding

Invent a mobile phone powered by green energy

Invent an eco-friendly bath tub that has lot of uses



Invent a way to recycle your household water

Design an adventure playground for squirrels

Invent a use for the recycled hair from hairdressers' floors

Design a treehouse for birds, insects and small animals

Invent a way to get fresh water to people in the world who need it

Invent a way to stop wildfires from spreading

Invent a space rocket that doesn't use fossil fuels

Invent an umbrella that has lots of different uses



Invent an eco-friendly way to transport goods between continents

Design a skyscraper where birds, insects, pondlife and small animals can also live

Design an eco-friendly classroom for your school

Design a city for insects

Invent a musical instrument that generates electricity

Invent a use for the 160 million used teabags thrown away in the UK every day

Invent a home recycling unit

Invent a bus shelter that's also a greenhouse

