

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!



Create an invention that makes walking to the station on a rainy day more fun

Invent a fun, safe way for a fox to go from one side of the train rails to the other

Invent a fun and surprising ticket machine

Invent a new and exciting train seat

Invent a play train carriage

Invent a bonkers way for people to leave the train or station

Invent a new way for the train to move without rails

Invent an exciting ticket barrier

Invent something for a person that might find it hard to find their way around the station

Create an invention for a tired passenger

Create an invention for a child that is finding it hard to sit still

Invent a carriage for an athlete

Create an invention for passengers travelling on a hot day

Create an invention for passengers travelling on a very cold day

Create an invention to keep leaves
off the tracks

Invent a new kind of Metro train.
What special things could it do?

Create an invention to keep people
away from the edge of the platform
while they are waiting for a train

Invention to stop passengers trying
to get on the train while the doors
are closing

Invent a Metro train for animals

Invent a special summertime Metro
carriage

Invent a new kind of staircase or
escalator

Create an invention for a
hungry passenger

Create an invention for a thirsty
passenger

Create an invention for the train
driver

Create an invention for someone
looking out of the window

Invent something that makes sure
you never miss your stop

Invent a hat that helps you find
your way

Invent a special way for guide dogs
to travel up and down stairs