

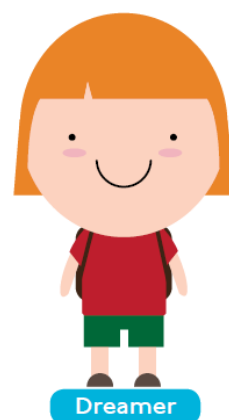
## Robot travel companion

London Transport Museum is looking for Dreamers to be engineers of the future. Can you help us solve the engineering challenge below?

Cubic Transport Systems\* are always exploring new, innovative ideas for the future. Can you create a robot that helps make journeys faster, easier and more fun?

### Materials

Recycled materials (e.g. cereal boxes)  
Scissors  
Pens  
Paper  
Tape or glue



### Instructions

1. Plan what your robot will look like and do.  
How will it make people's journeys better?  
How will it work?
2. Create a model of the robot using recycled materials.  
How big will it be?  
How will people use it?

### Find out more

<b>Age</b> 5-11	<b>Topic</b> Engineering	<b>Time needed</b> 30 min
<b>Skills used</b> Problem solving		Creativity
<b>*Who are Cubic?</b> Cubic Transport Systems designed the Oyster card, making travelling in London quicker and easier. They create a palm scanner which is on display in the Future Engineers gallery.		
<b>What does it mean to be an engineer?</b> Engineers are people who solve problems. They use creativity to plan, fix and dream solutions to improve everyday life. Like an engineer, this activity encourages you to fix a problem and find solutions.		