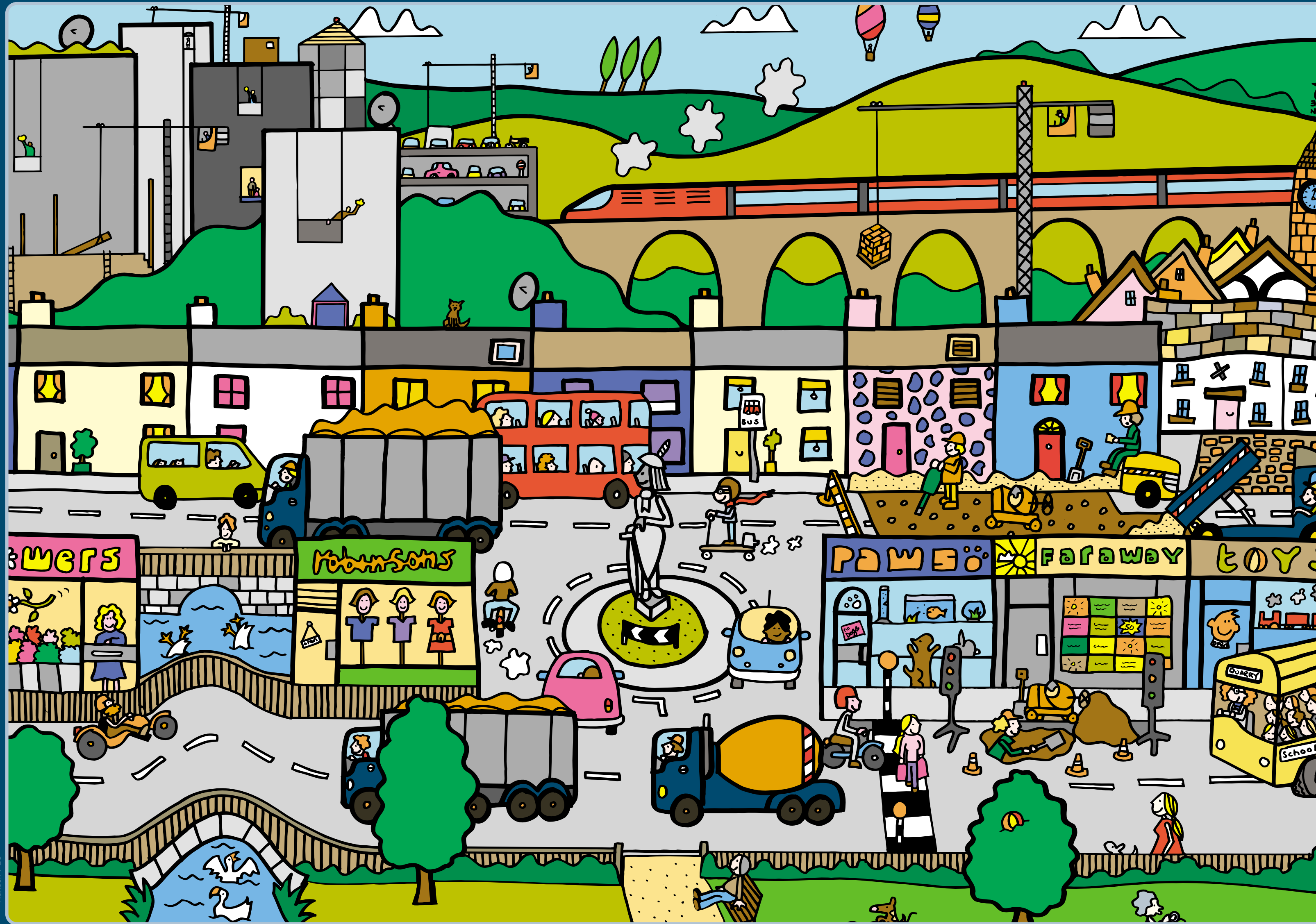


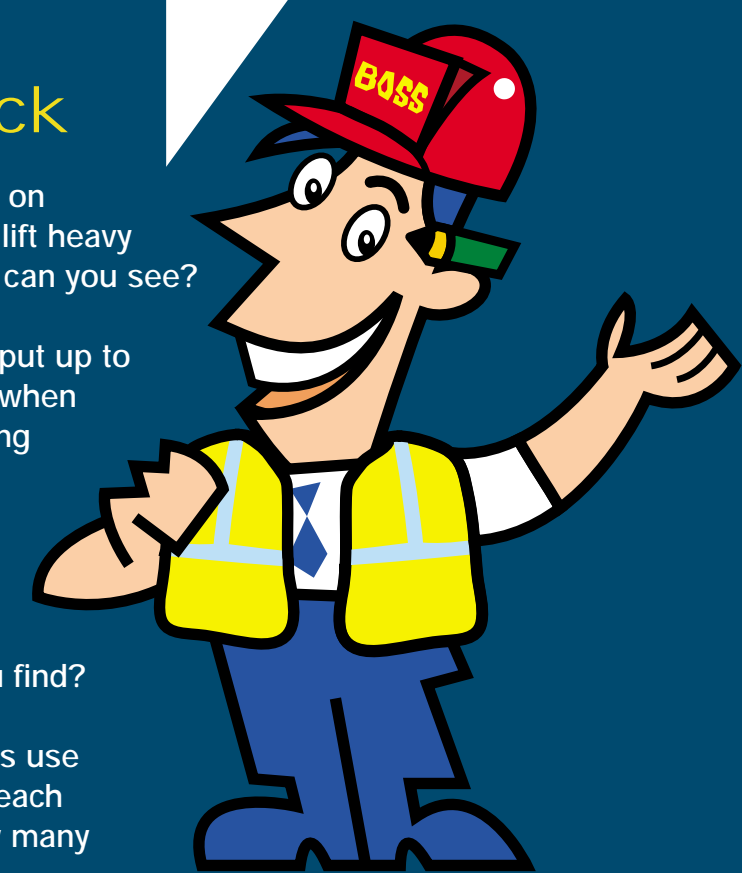
IT'S OUR WORLD!



You'd be amazed how much of the stuff around you comes from quarries! From toothpaste and paving stones to glass and bricks – check out this poster and you'll see what I mean!

Spot check

- 1 Cranes are used on building sites to lift heavy objects – how many can you see?
- 2 Road signs are put up to warn motorists when workmen are repairing roads – can you see where workmen are laying asphalt?
- 3 How many bridges can you find?
- 4 Window cleaners use special lifts to reach high windows – how many can you spot?
- 5 Stone is being delivered in blue trucks – how many trucks can you see?
- 6 Cobbled paving stones are often found in the oldest parts of towns. They are made from a hard rock such as granite. Are there any cobblestones here?
- 7 Cement mixers are used to mix up all the ingredients needed to make concrete. How many orange mixers can you see?
- 8 Some children are going on a school trip. Can you find their bus and work out where they are going today?



Hanson

Brick
Most buildings use bricks. And most of those bricks are made from clay or shale. Clay is soft and easy to dig out of the ground. Shale is a rock that's found in the ground and made from clay. Can you imagine this town without any bricks?

Glass
Glass – we look through it, drink out of it, and even wear it to see more clearly! Try and imagine your house without glass. Glass is made when sand and limestone are melted together. How many windows can you count in the skyscraper?

Aggregate
Aggregate is any mixture of sand, gravel and crushed stone. On average, six tonnes of aggregate are produced each year for every person in the UK! Can you think of a material that doesn't use aggregates?

Concrete
Concrete is everywhere – office blocks, pavements and bridges! It's made when water, sand and gravel or aggregates are mixed with cement. Cement is made by heating limestone or shale to a really hot 1400°C. Where is the concrete multi-storey carpark?

Asphalt
We'd all be in for a bumpy ride without asphalt! It is used on roads and motorways to provide a smooth and safe surface for cars to drive on. It is made from a mixture of aggregate and bitumen (tar)

Limestone
Did you know you brush your teeth with limestone? Ground-up, this rock is used in toothpaste to help clean your teeth. It is also added as white colouring to paints and as a calcium supplement to bread. Some forms of limestone are carved into sculptures, like the town's statue. Can you spot it?