

WHY DOES IT MATTER?

MYSTERY A

Why did Jade's mum have to buy a new carpet?

The River Severn flood burst its bank and water flowed into the houses by the river.

Jade and her family live in a lovely house down by the river.

When the snow in Wales melts, the water flows fast along the river into England and usually floods every year.

Flooding is more frequent as rain falls more often in downpours that run off the land, instead of as gentle rain that soaks in.

River banks have been built up in some places so that houses can be built on the river meadows, and so the flood waters have to flood somewhere else.

The River Severn is not dredged any more so it fills up with silt.

Global warming means that we have more extreme weather – stormier, windier, wetter.

Jade's mum drives her to school by car over the main city bridge.

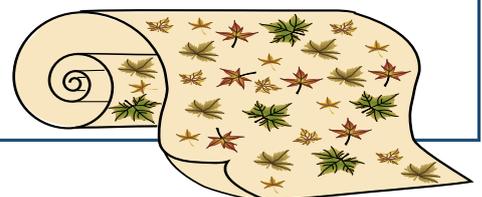
When the floods are very high, no one can cross the main bridge, and people have to go a long way round over the new bridge.

In the rush hour, the roads of Worcester are crammed with slow moving traffic.

Cars and other vehicles produce carbon dioxide.

Carbon dioxide is a greenhouse gas that adds to global warming.

Mystery A – Why did Jade's Mum have to buy a new carpet?



WHY DOES IT MATTER?

MYSTERY B

Cars produce carbon dioxide from the burning of petrol.

Dacca is a busy town with lots of traffic.

Why did Jaber's mum have to buy a string shopping bag?

Plastic shopping bags were banned.

Plastic shopping bags were found clogging up many drains during the recent floods.

The floods in Bangladesh are getting worse.

Trees in the Himalayan mountains are being cut down for firewood for people to cook on.

Where there are no trees to hold the soil into place, the heavy rains wash the topsoil down the mountains and the water spreads over the land.

Dacca is the capital of Bangladesh and is close to sea level.

Sea levels are rising as a result of global warming.

Carbon dioxide is a greenhouse gas that adds to global warming.

Global warming is believed to cause more extreme weather, so there will be more heavy rain and storms.

Mystery B – Why did Jaber's Mum have to use a string bag?

