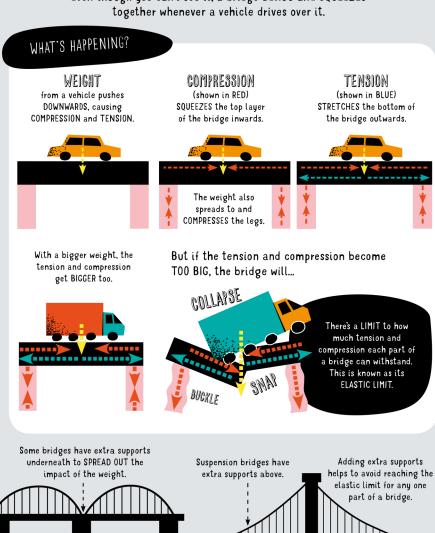
## SATURDAY ACTIVITIES



## BUILDING BRIDGES

Even though you can't see it, a bridge BENDS and SQUEEZES together whenever a vehicle drives over it.



## BUILD YOUR OWN:

Test some different paper bridge designs using the template below. You can copy it, or download it from the Usborne OUICKLINKS website.

Don't forget to record your results.

## EXPERIMENT:

- Place the flat template as shown in the diagram to the right. Load it with small objects of the same size (such as coins or toy bricks) one at a time, until it collapses. How many can it support?
- Fold up the sides along the WHITE dotted lines and try again. How many of your item can it support now?
- Fold along the remaining BLACK dotted lines to make a zigzag. How many can it support now?







BRIDGE TEMPLATE