



A push has a path

The pedals were far from the back wheel. A loop of small metal links joined them. Little wondered how a push could travel.



Bend at each pin

Tiny pins join the links. The chain bends at these joints without stretching like rubber. Sprocket teeth hook into the chain as it moves.



Turning, then pulling

Pedals turn the front sprocket. Its teeth pull the chain. The chain pulls the back sprocket, which turns the back wheel.



A loop on the table

Big turned a cardboard wheel. It pulled the bead loop, and the loop turned the smaller wheel. Little followed one bead around.

Make a little book



1 Fold it into 8 boxes. Open it flat.



2 Fold short end to short end. Cut the thick line. Open it.



3 Fold the long way, pictures out. Push the ends in.



4 Fold into a book. Page 1 goes on the front!



One turn becomes two

The front had 32 teeth. The back had 16. One pedal turn carried enough chain past the back sprocket to turn it twice.



A push goes with you

Little pedaled beside Big. The chain carried each pull to the back wheel. Where else could a loop carry motion?

