



Making a vehicle travel round in circles is fun - and useful (especially in open plan schools!). The simplest way is to make one of the axles pivot (usually the front axle - but not always). If you use a rectangular frame, it can be difficult to avoid the wheels fouling the frame sides. Here are some possibilities.

**The 'Eddleston' chassis**  
 This is shown at the top of the page. This is very easy to build, and it is guaranteed to stay flat. It does, however, require some reasonably accurate drilling for the dowel pivot. Not that it's difficult to drill a hole - but one that is perpendicular to the wood demands either a drill stand, or two extra children who can tell the driller when the drill is upright!

The two versions below show how this drilling problem may be avoided. Card discs and punched card rectangles substitute for the drilled holes. **A** uses more wood but it is easier to build a symmetrical chassis this way.