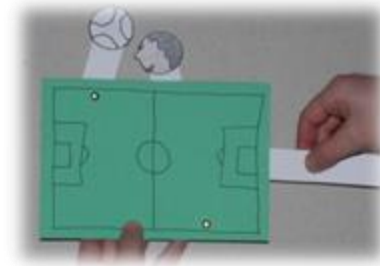




Let's Get Practical!

Working with sliders and levers

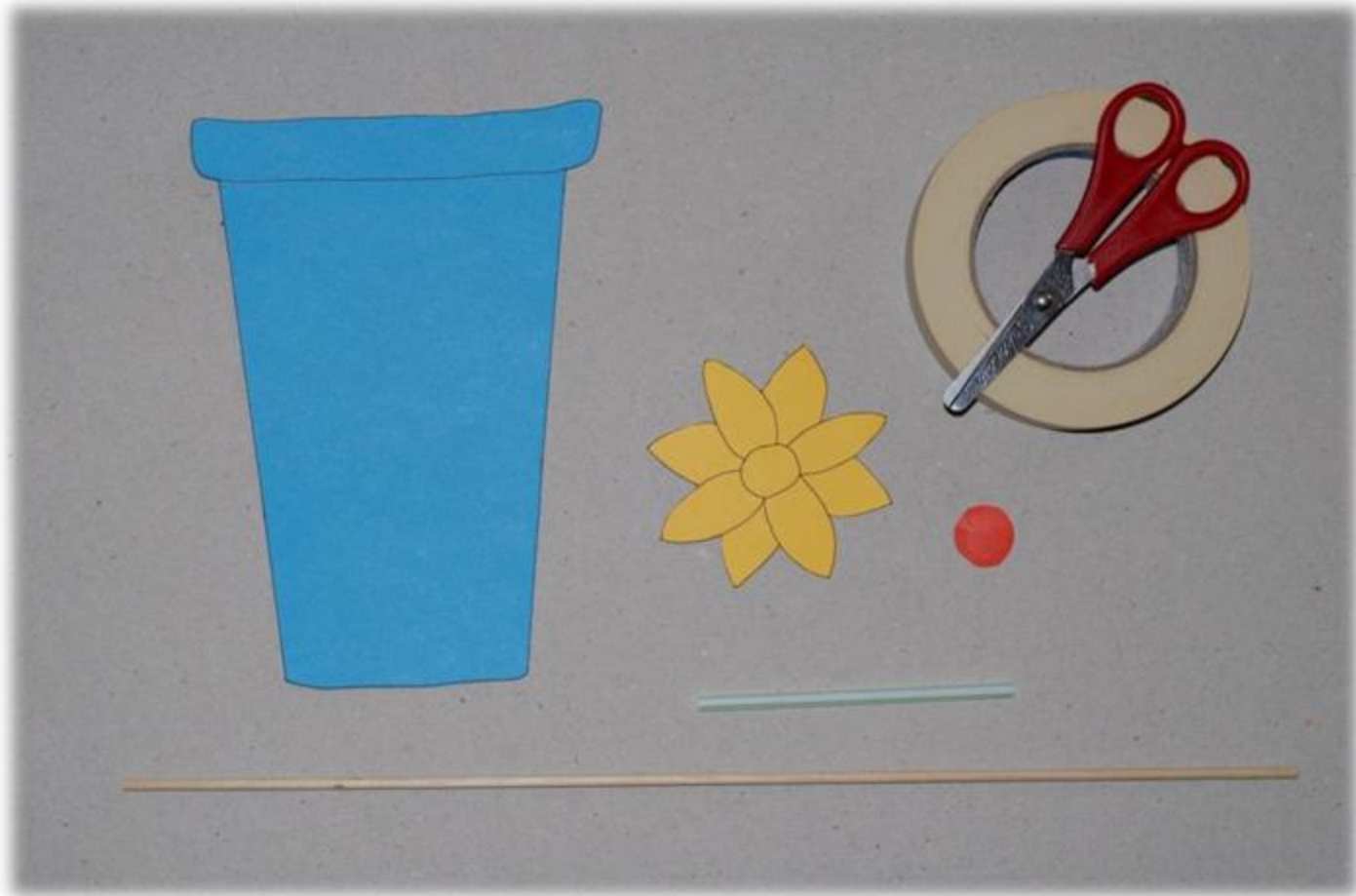




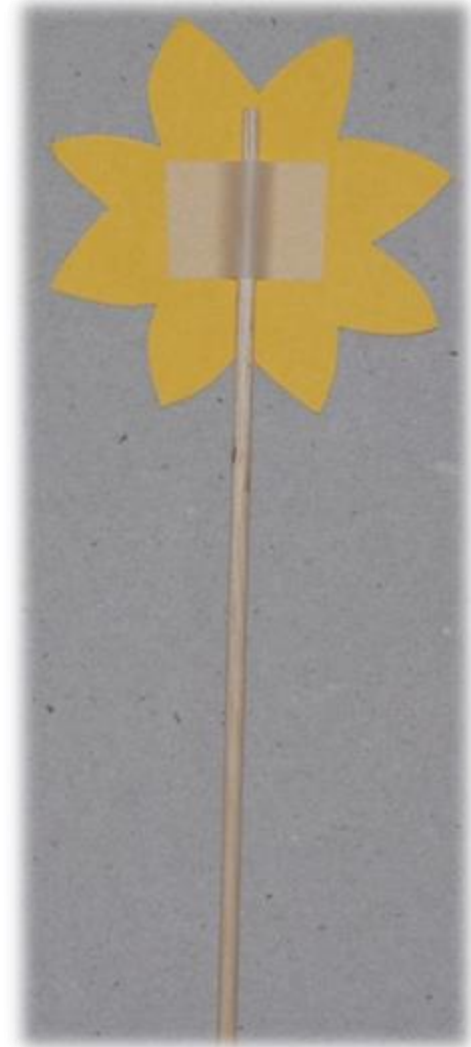
Sliders

Using a straw and dowel

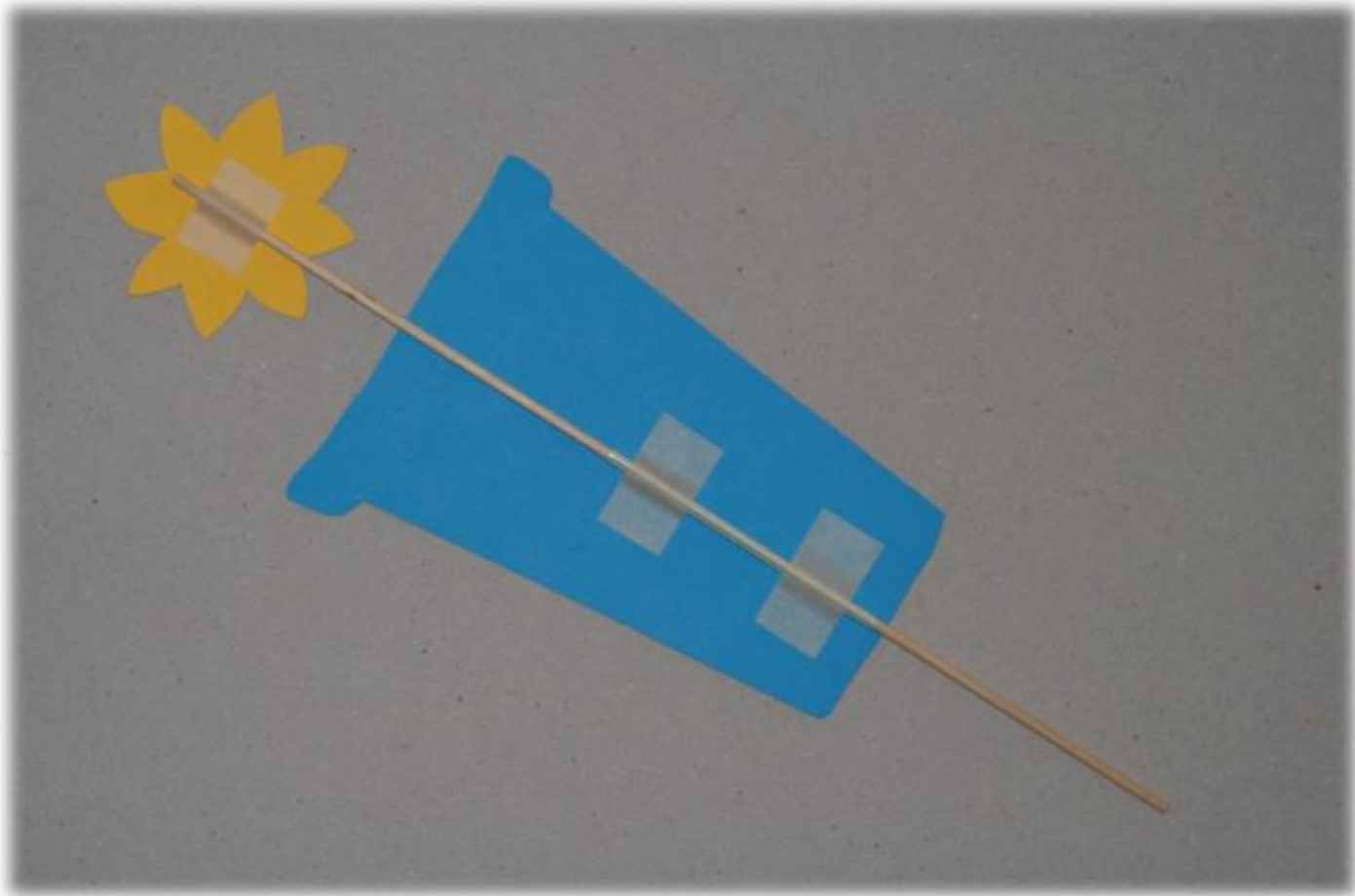
Tools and materials



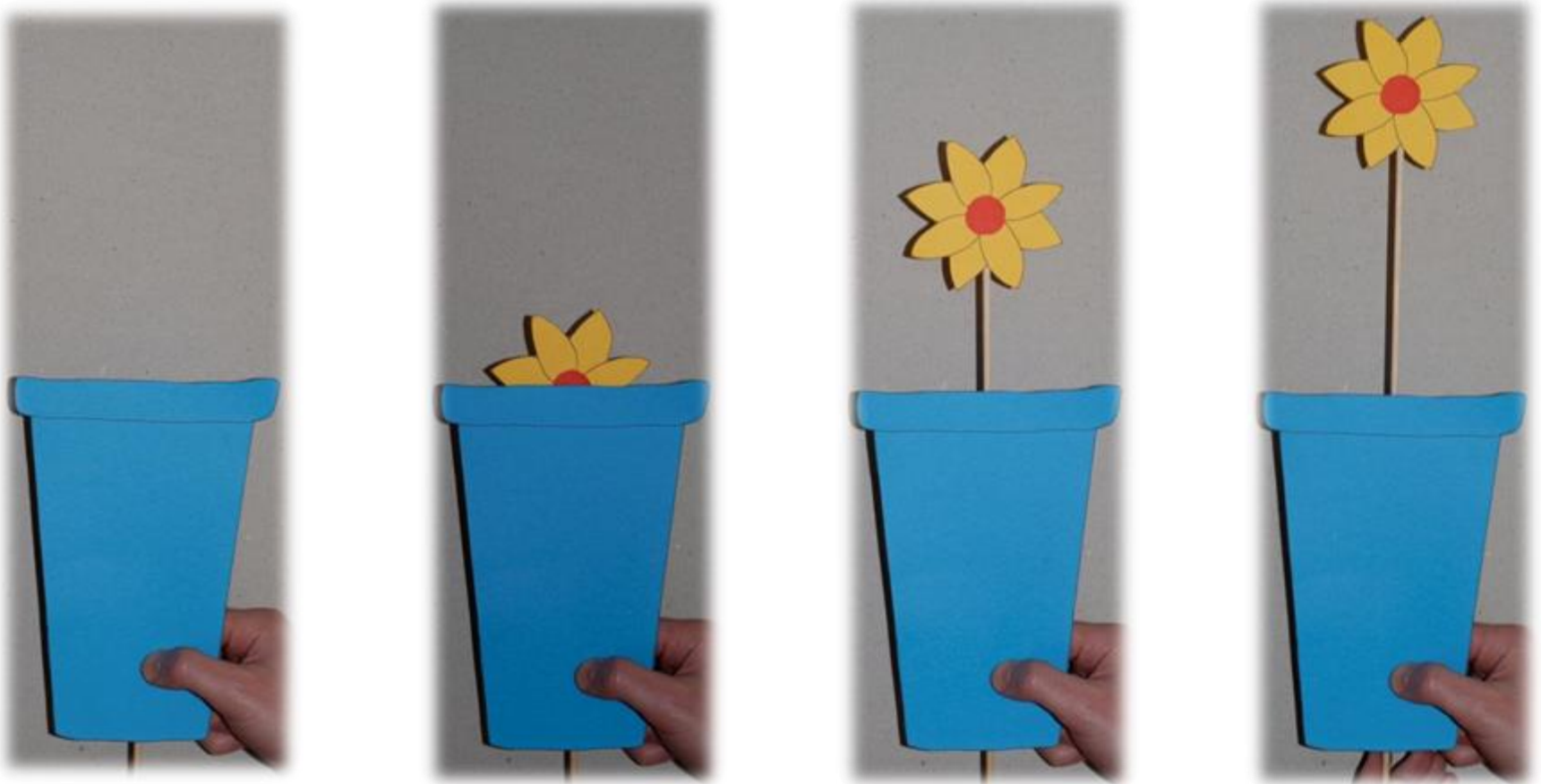
Creating the slider



The final design (reverse)



The final design in action

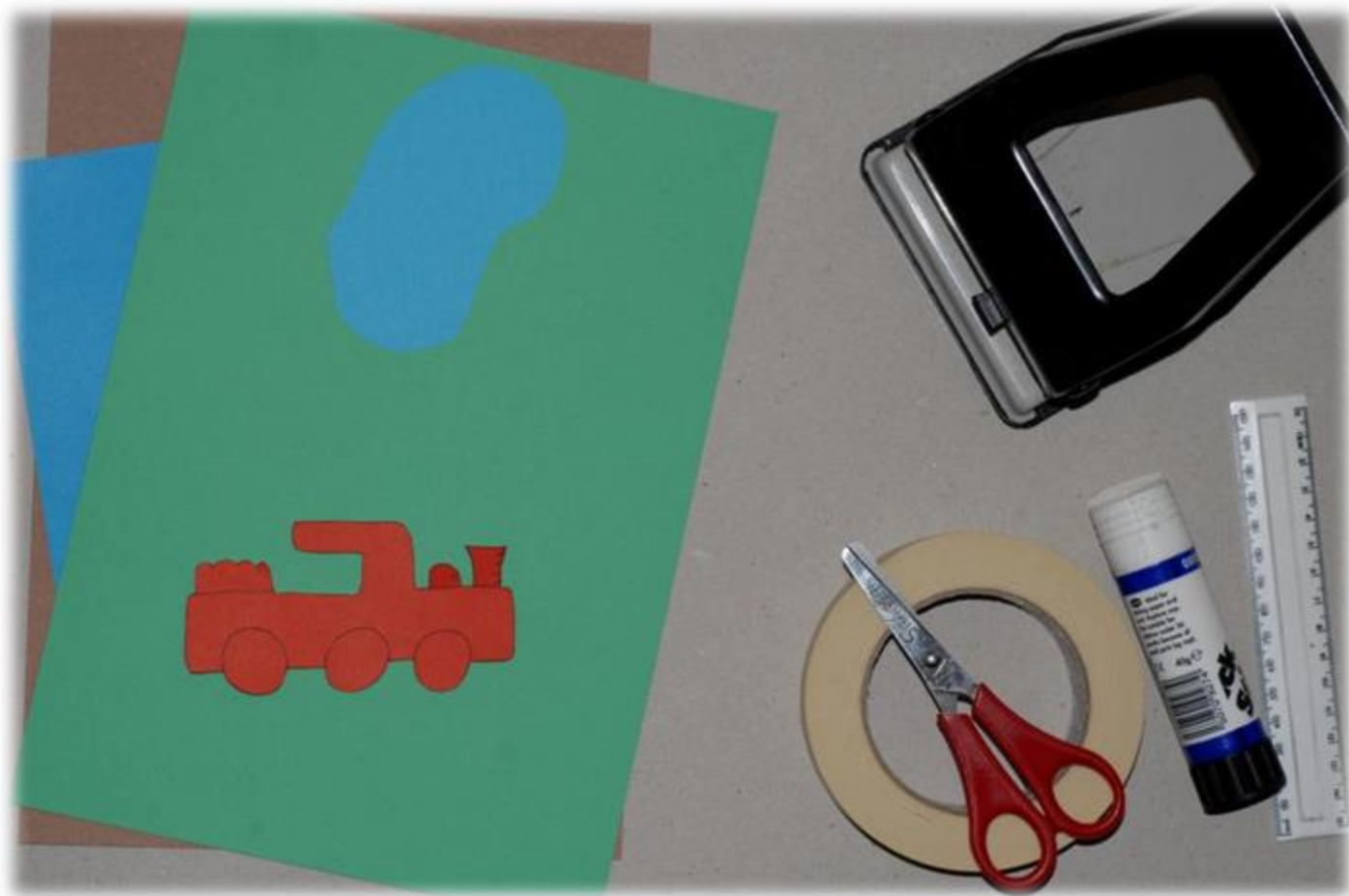




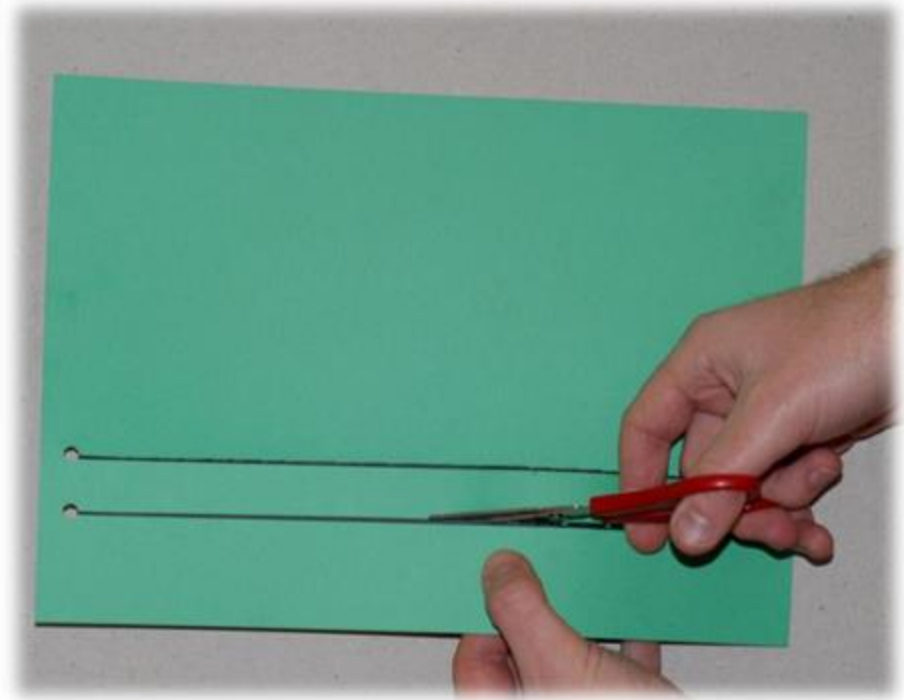
Sliders

Cutting a slot for the slider

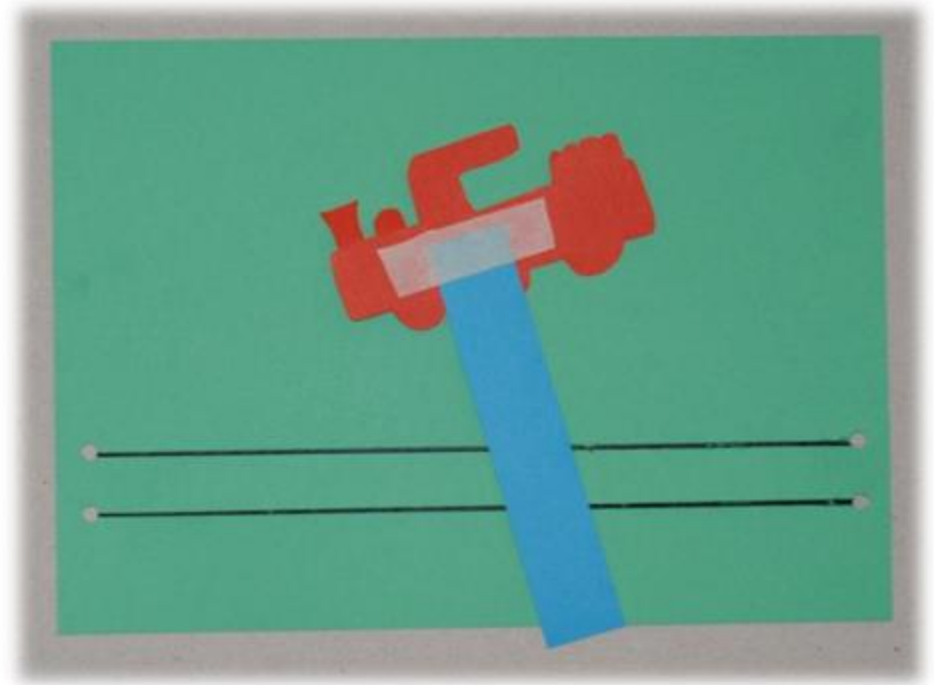
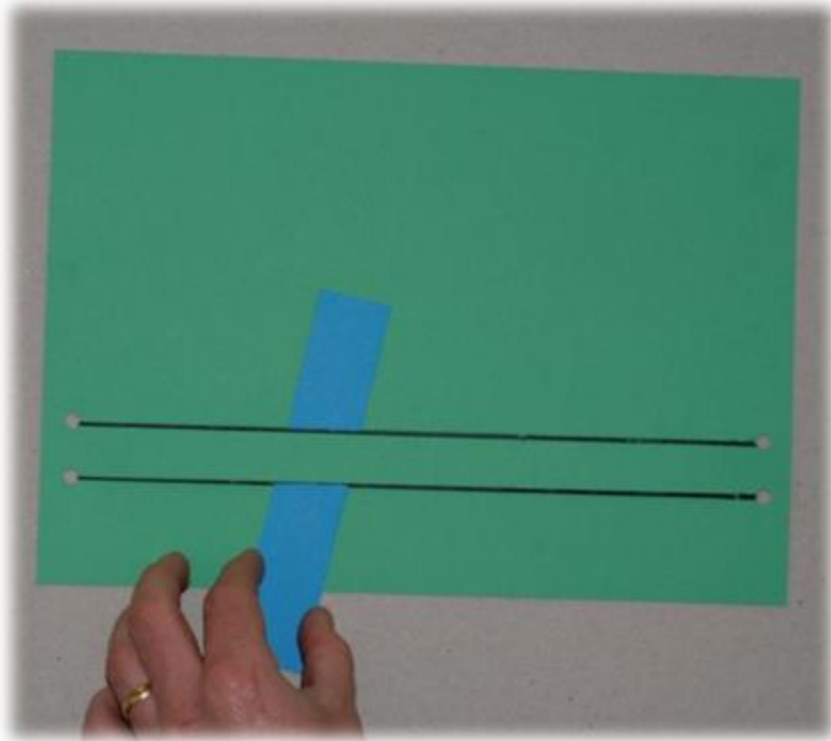
Tools and materials



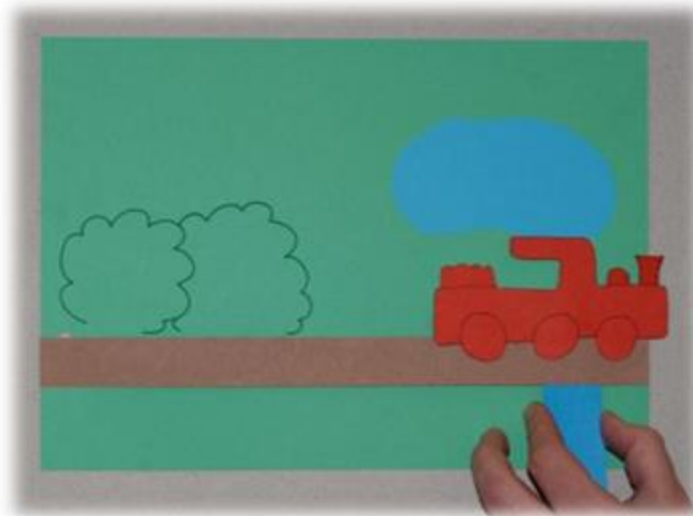
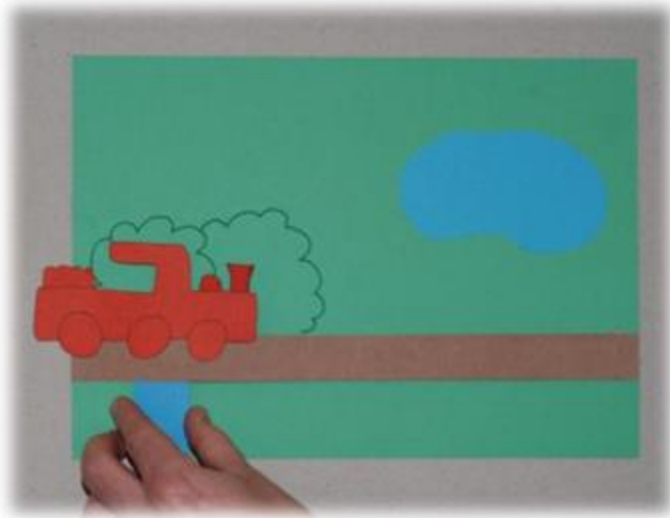
Cutting the slot



Making the slider



The final design in action



An alternative idea

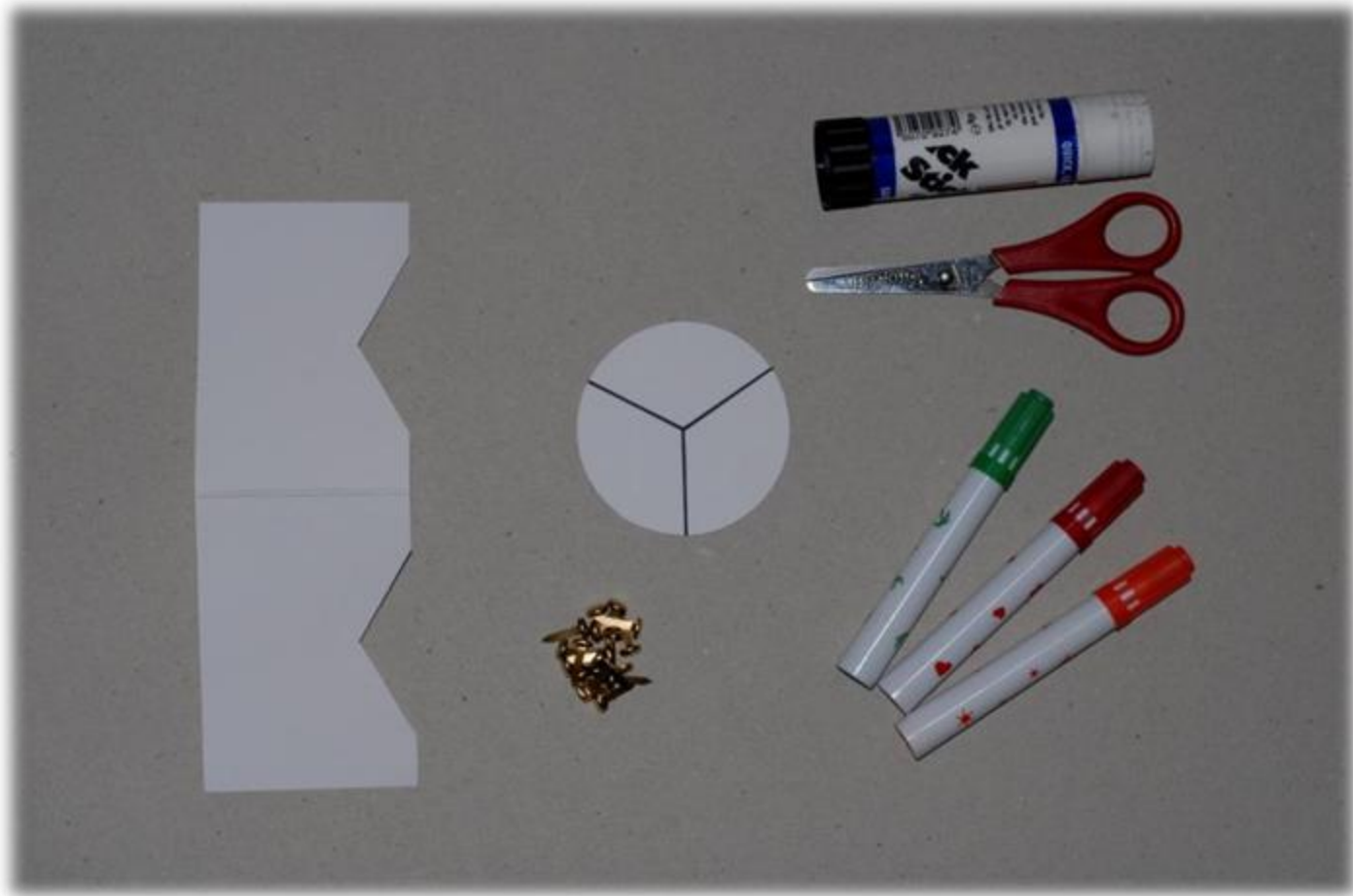




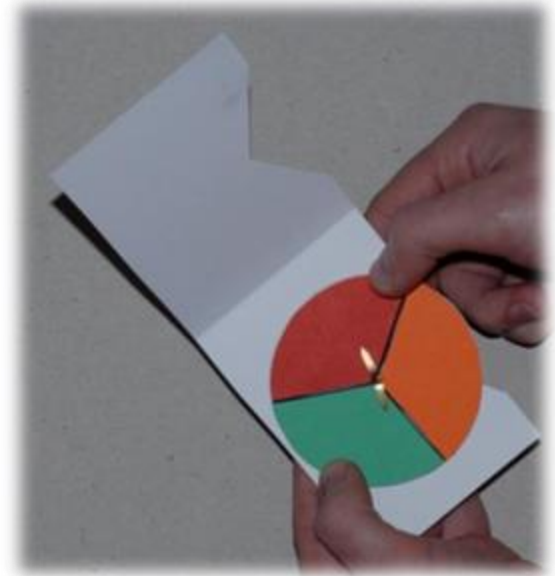
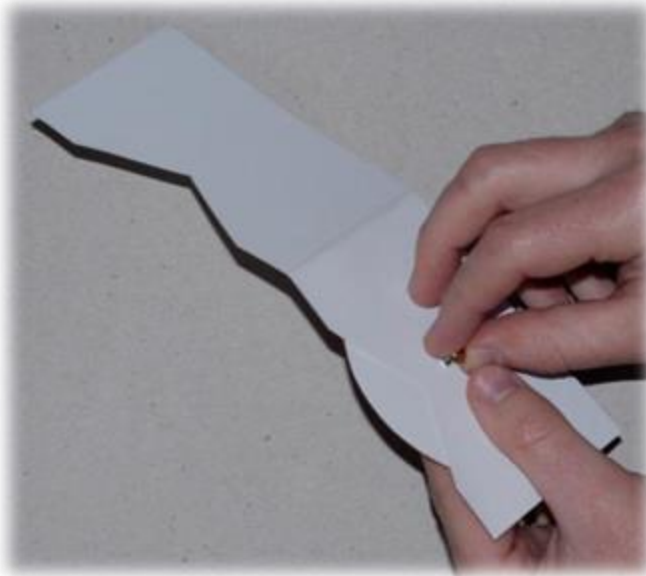
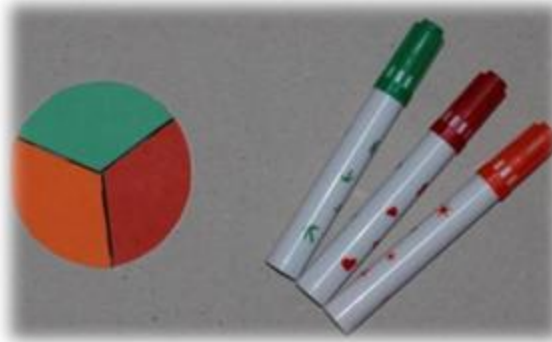
Simple lever

A feedback fan for use in lessons

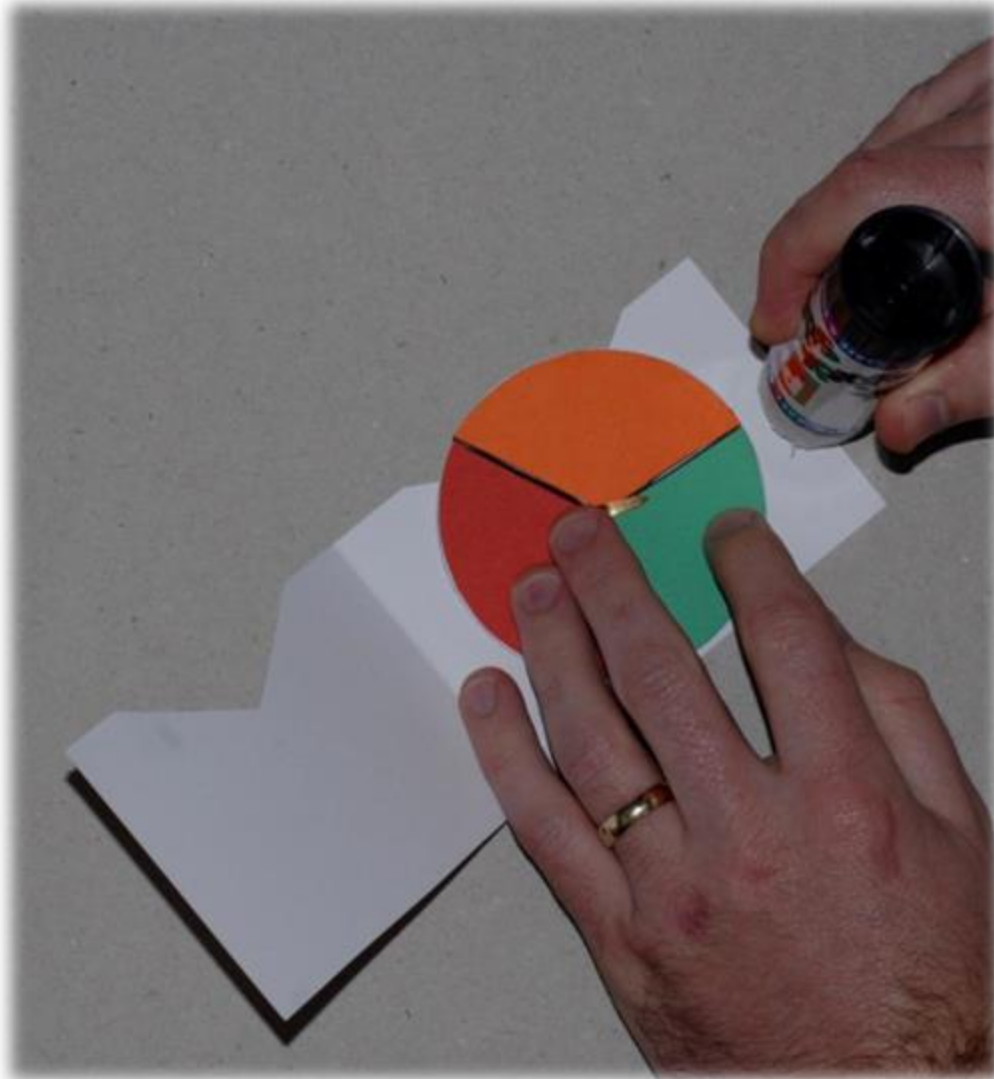
Tools and materials



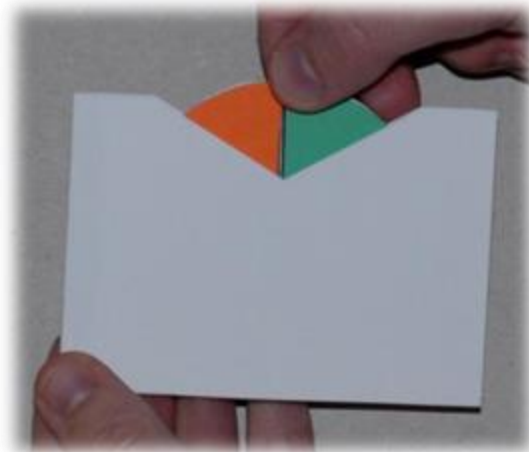
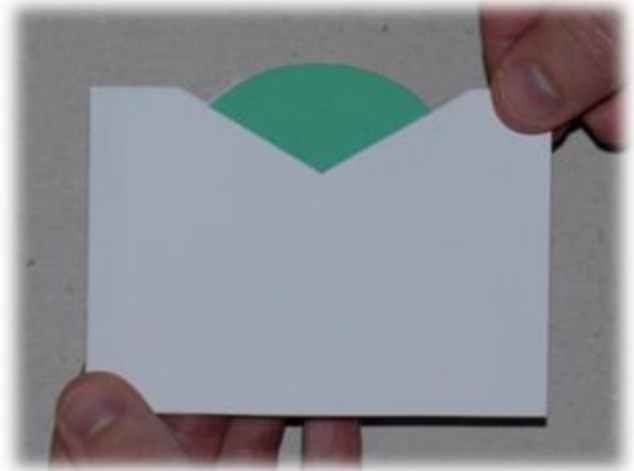
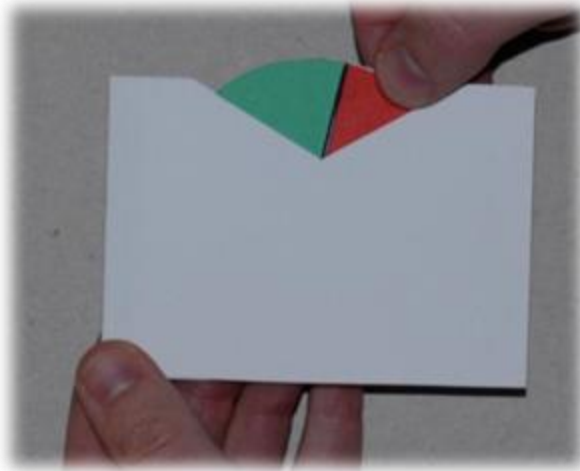
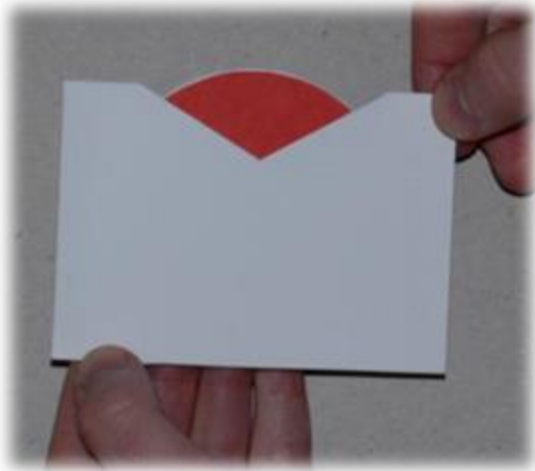
Attaching the wheel



Gluing together



The final design in action

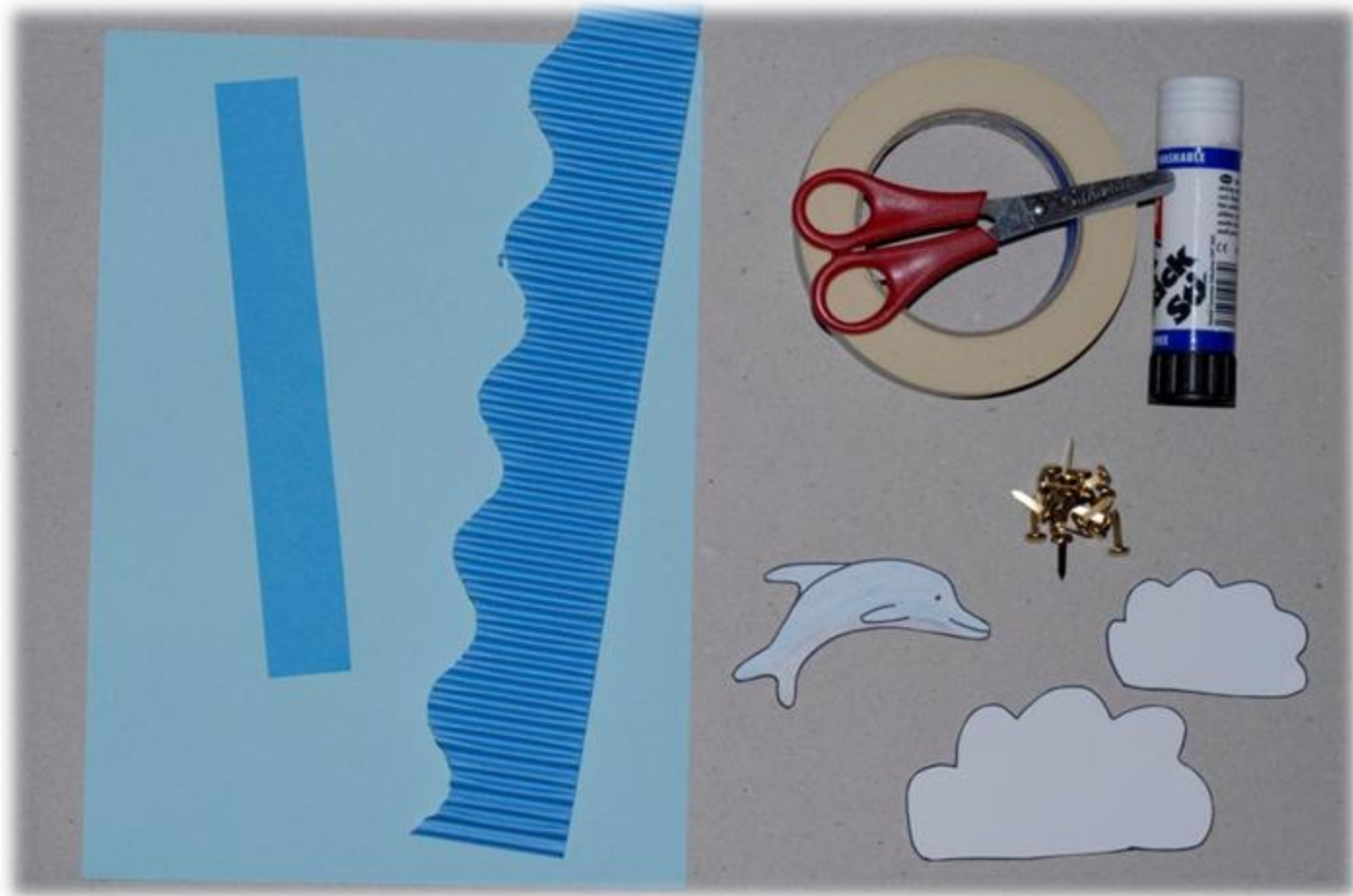




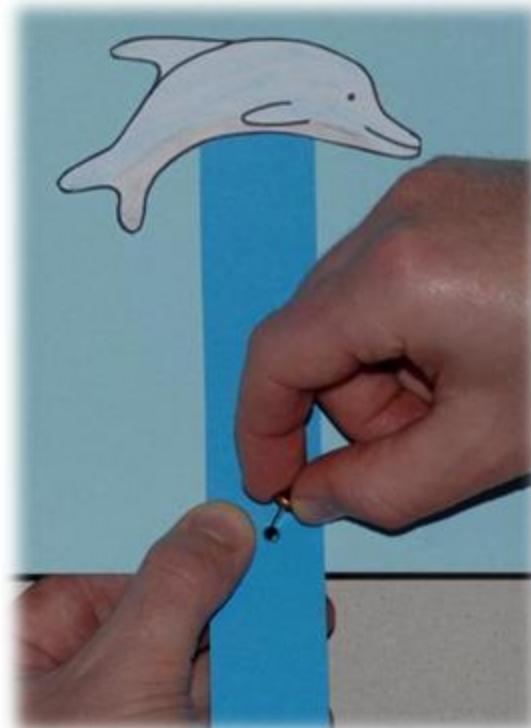
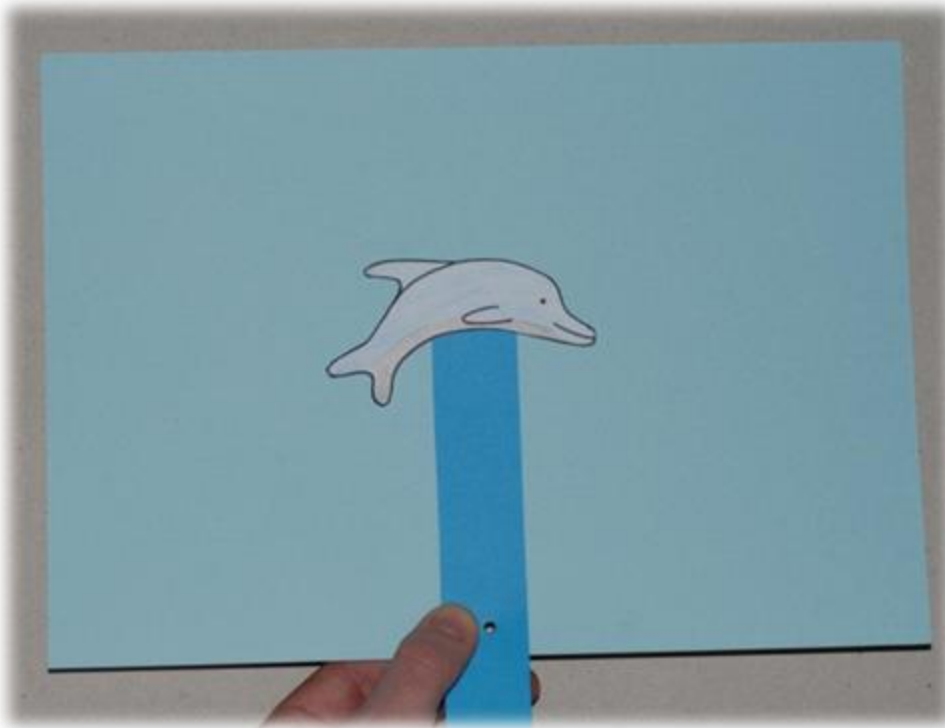
Simple lever

A leaping dolphin

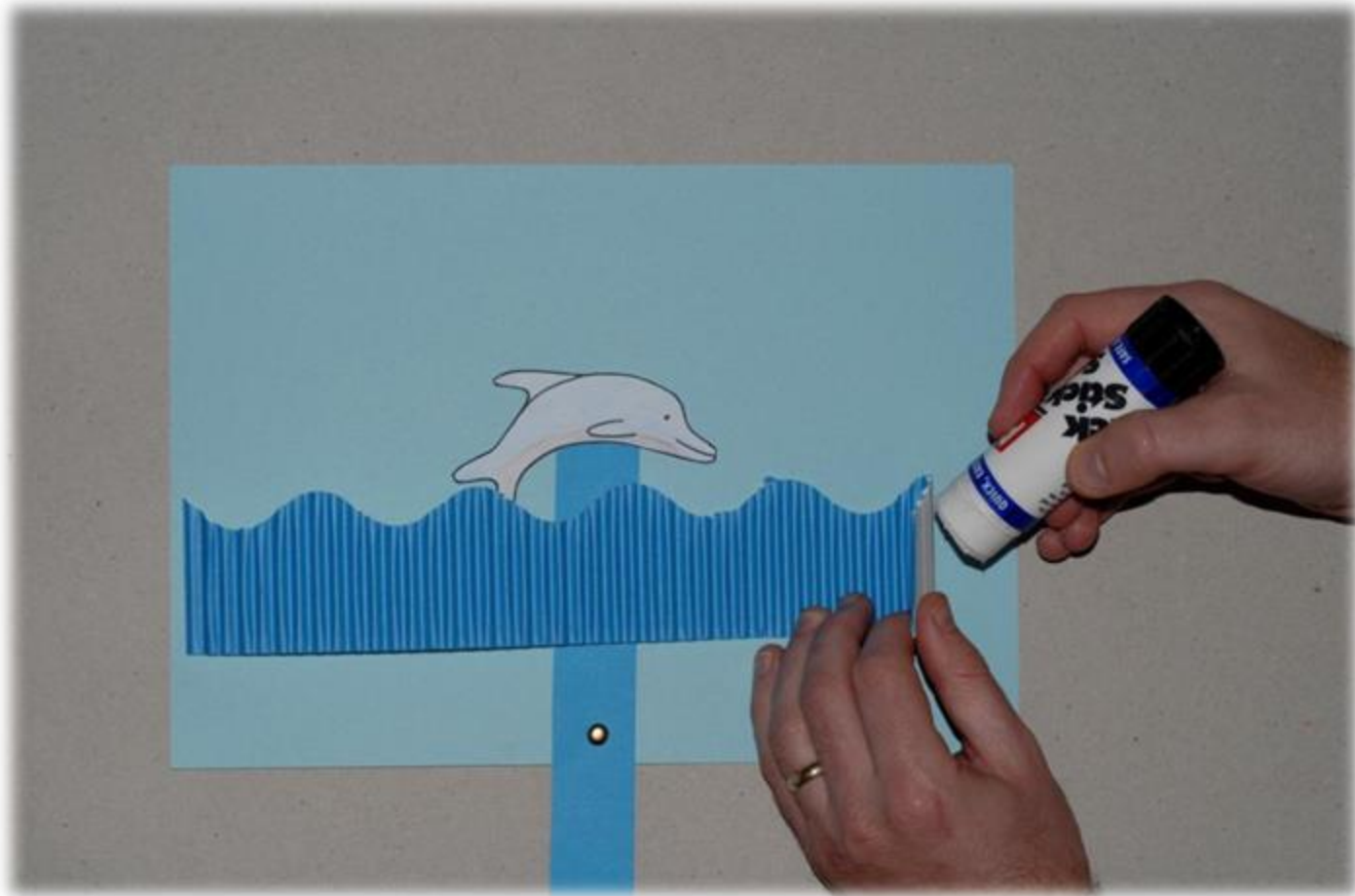
Tools and materials



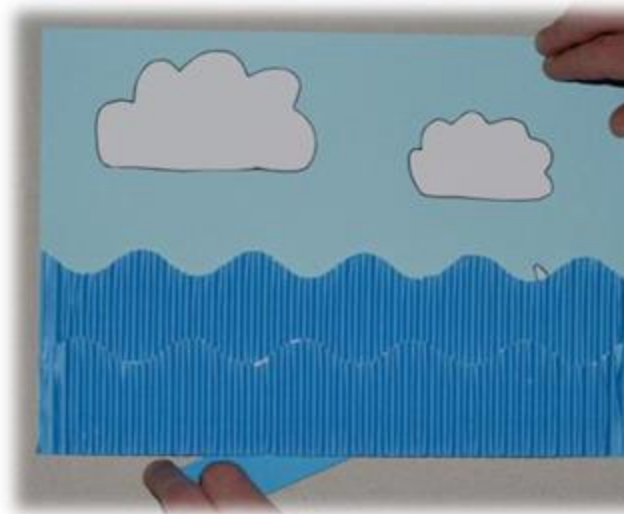
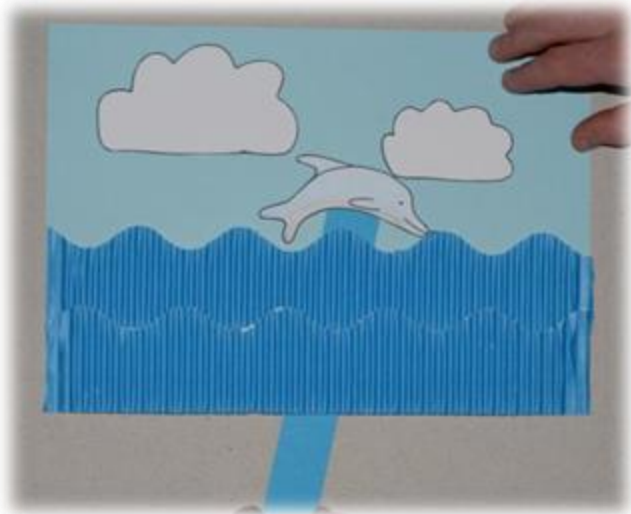
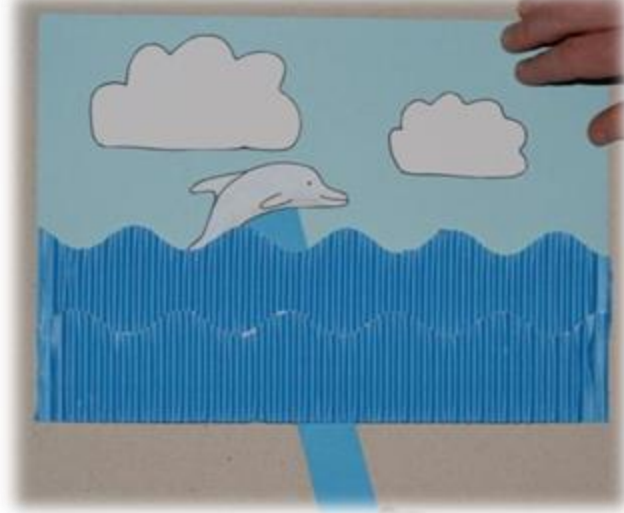
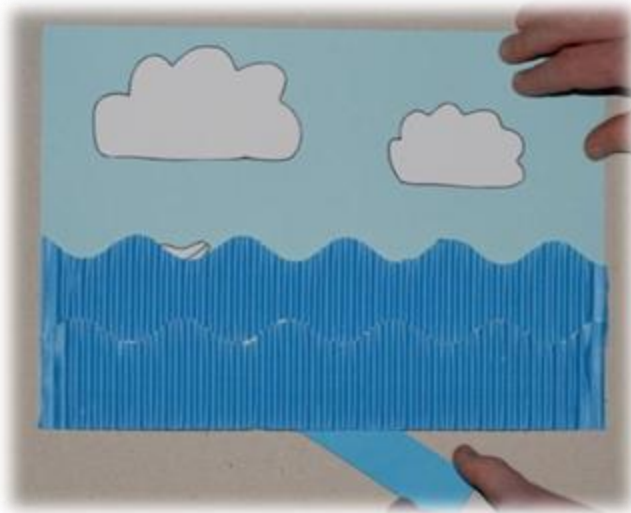
Attaching the lever



Finishing off



The final design in action





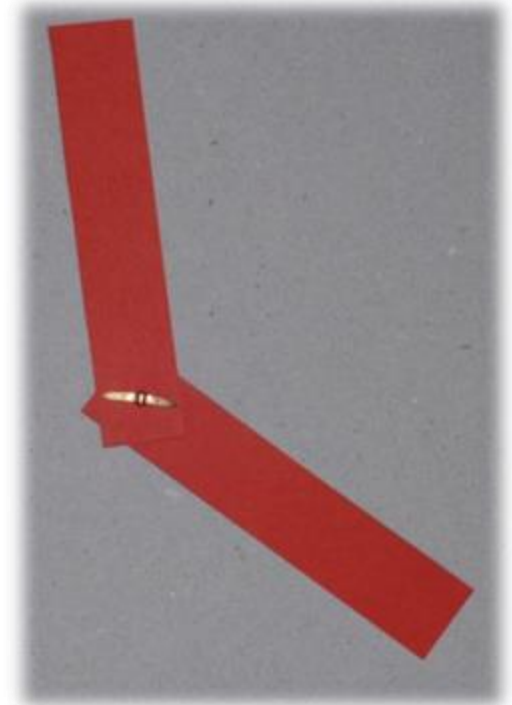
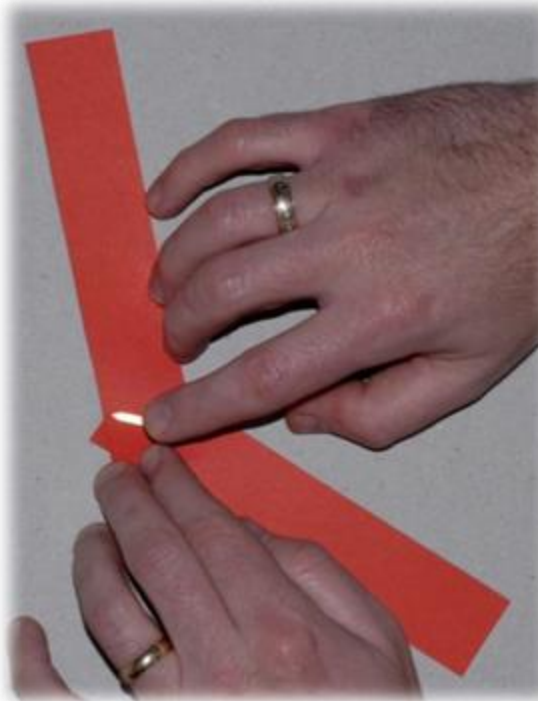
A simple lever and linkage

The early bird catches the worm!

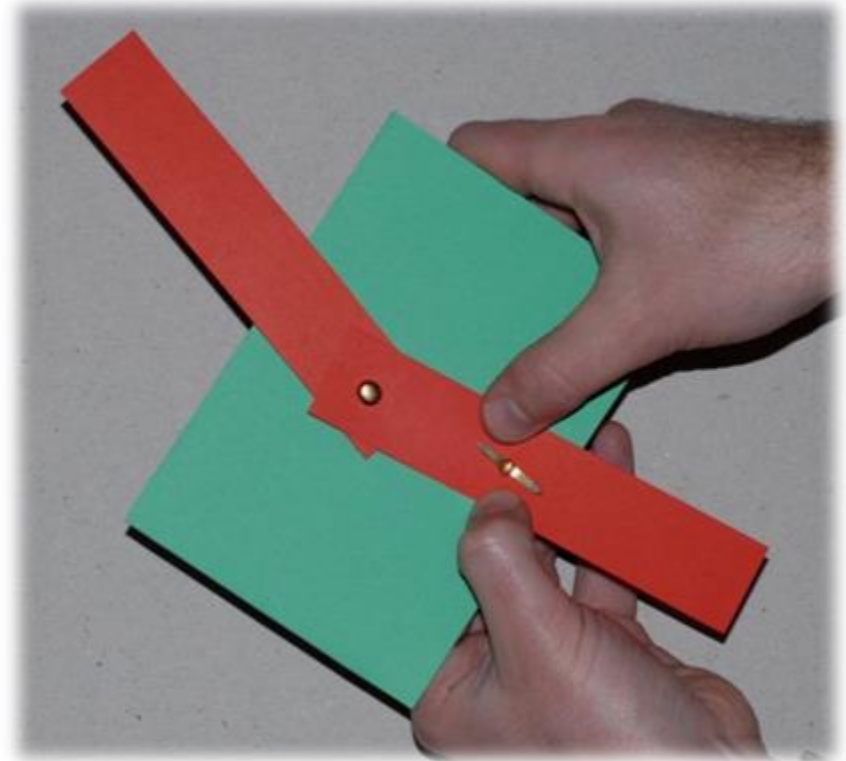
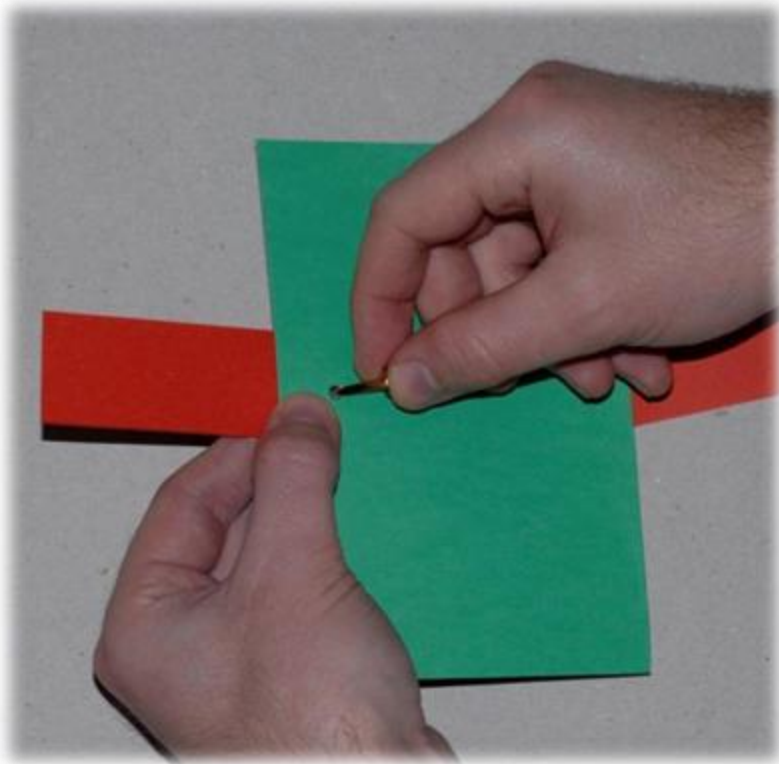
Tools and materials



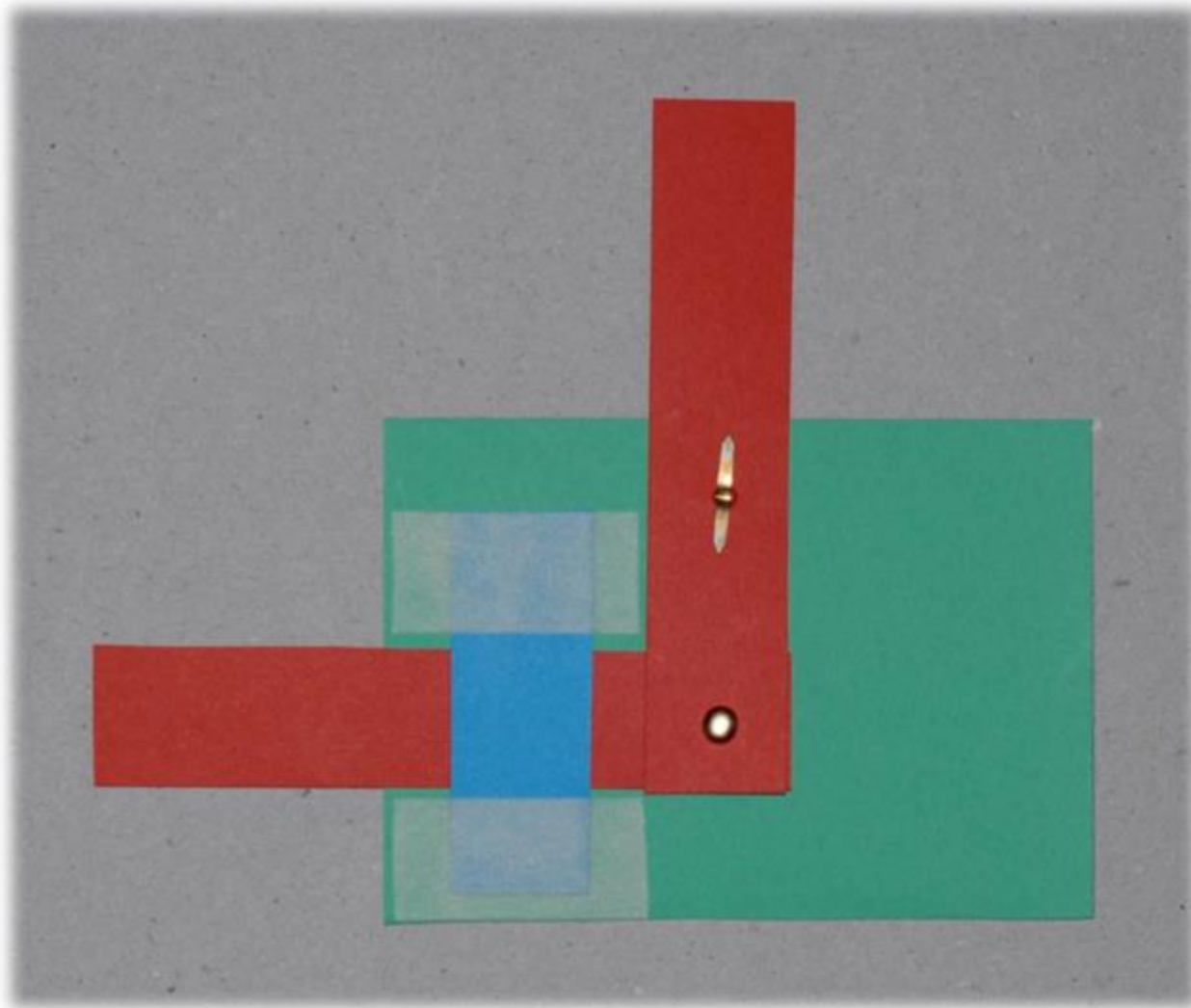
Making the linkage



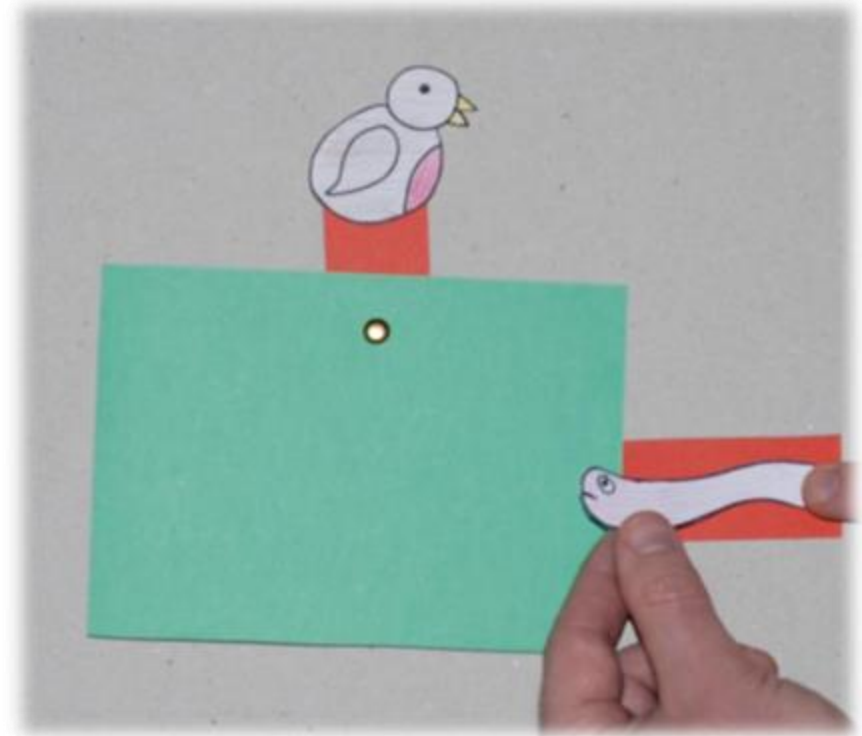
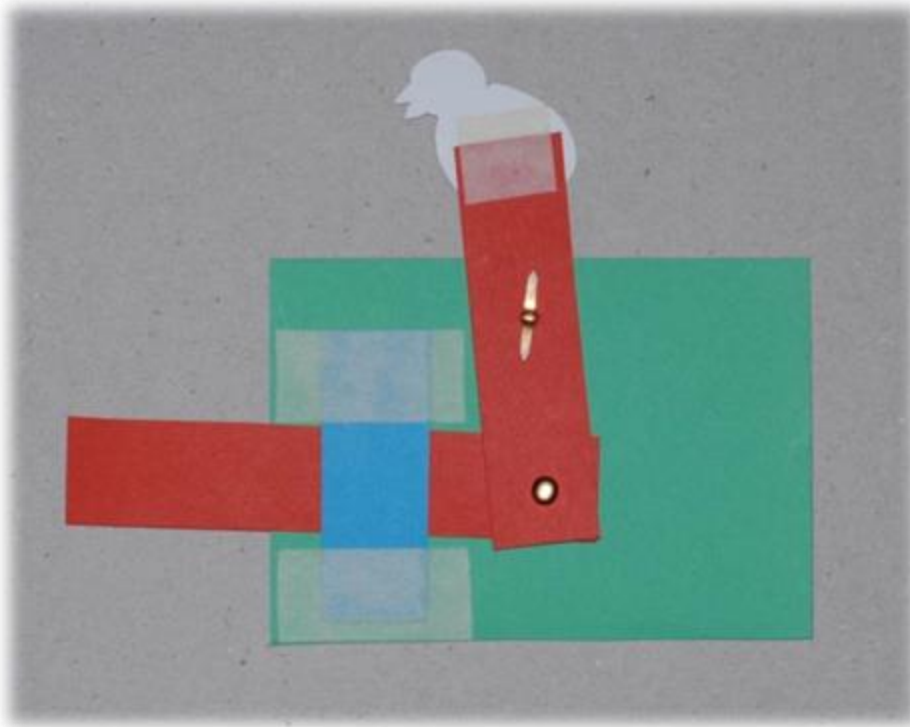
The fixed pivot



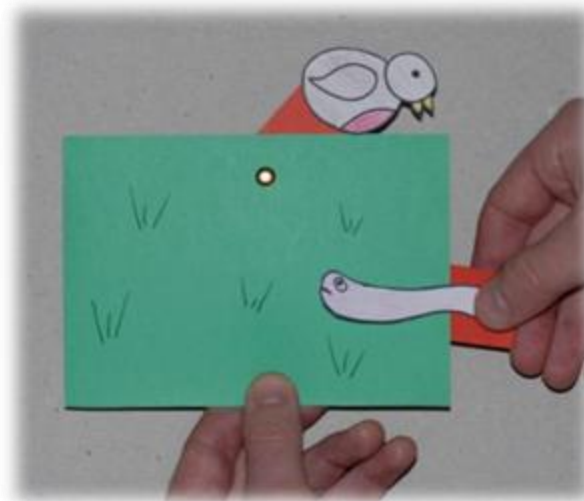
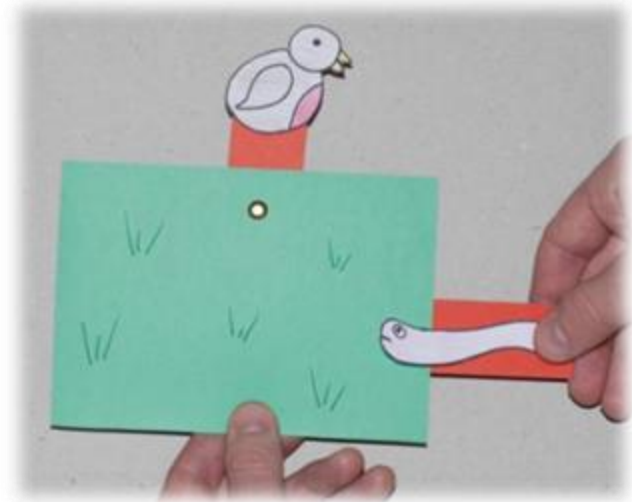
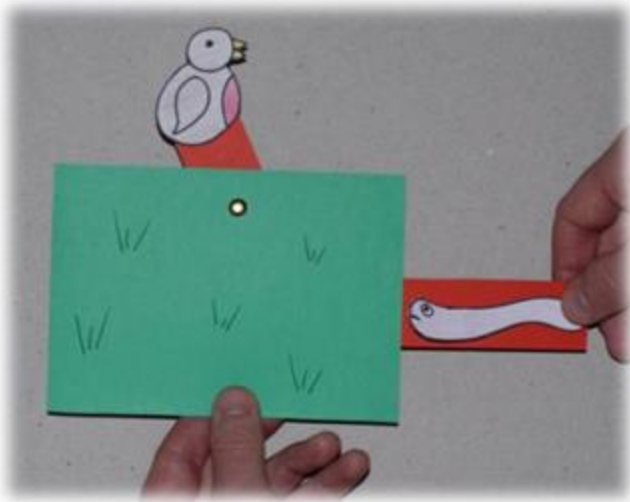
Adding a guide strip



Finishing off



The final design in action

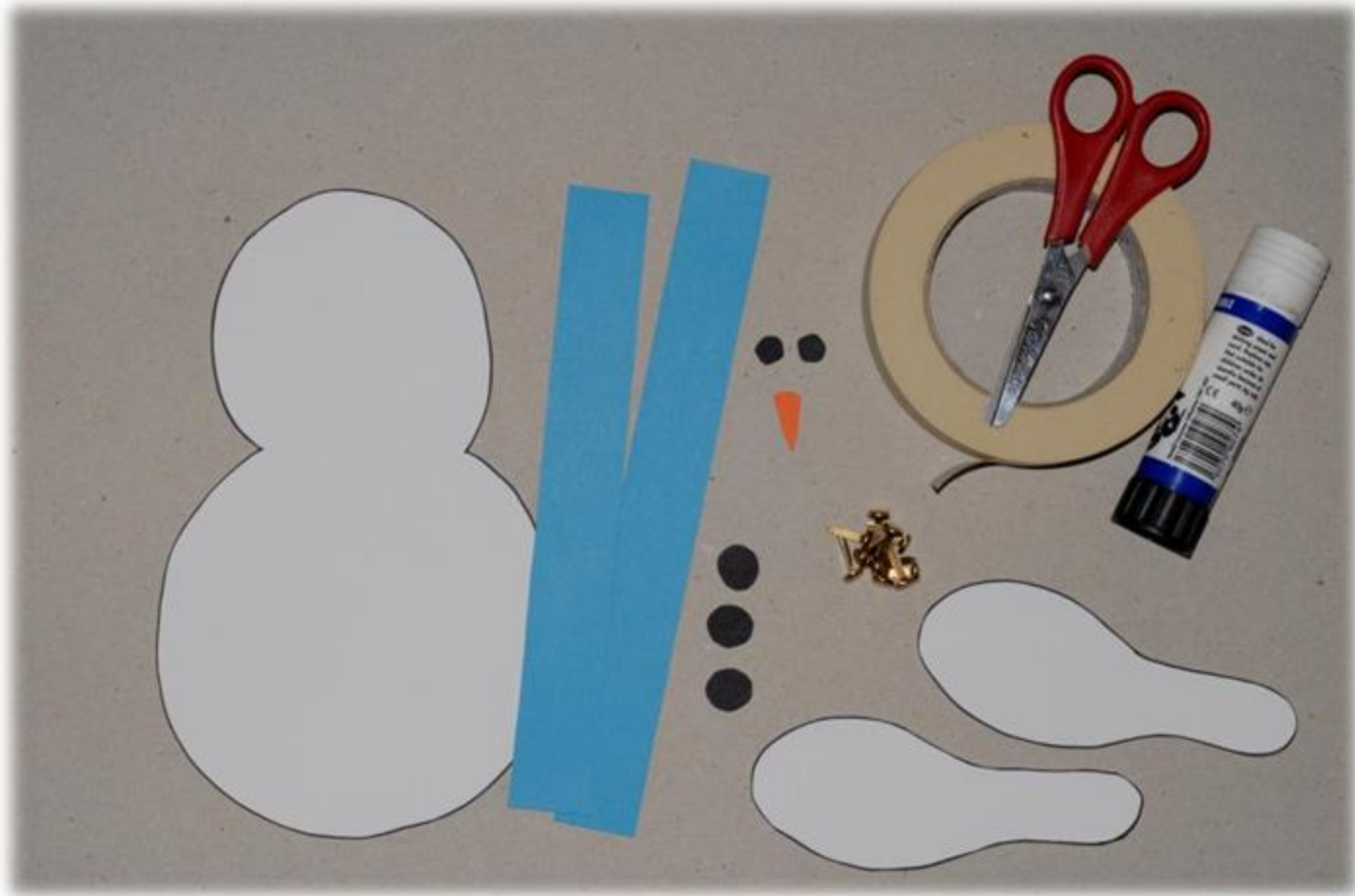




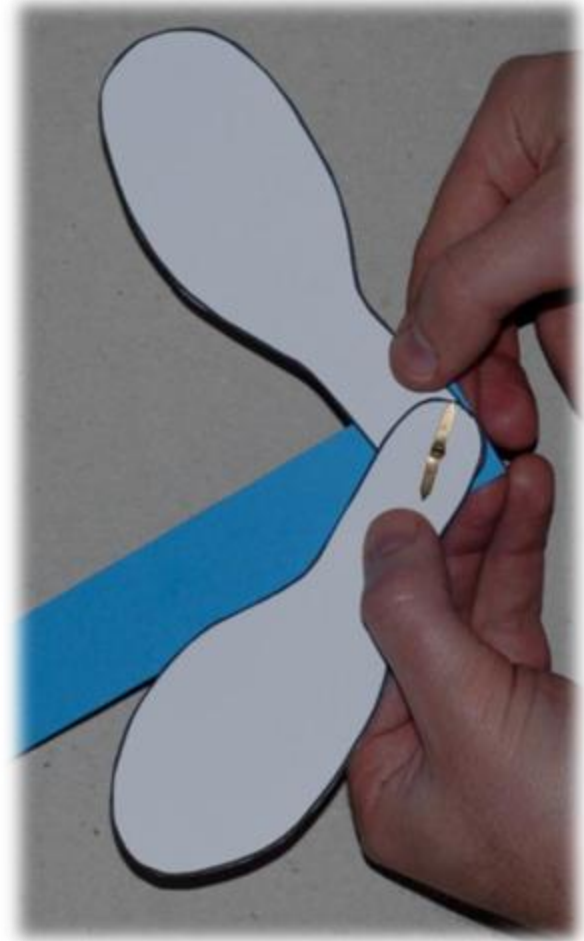
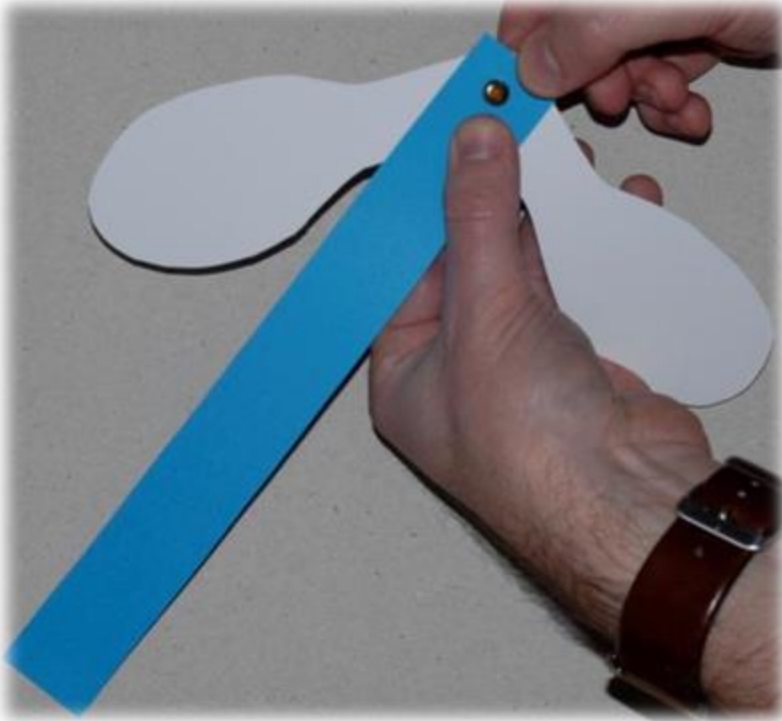
A double lever and linkage

Snowman

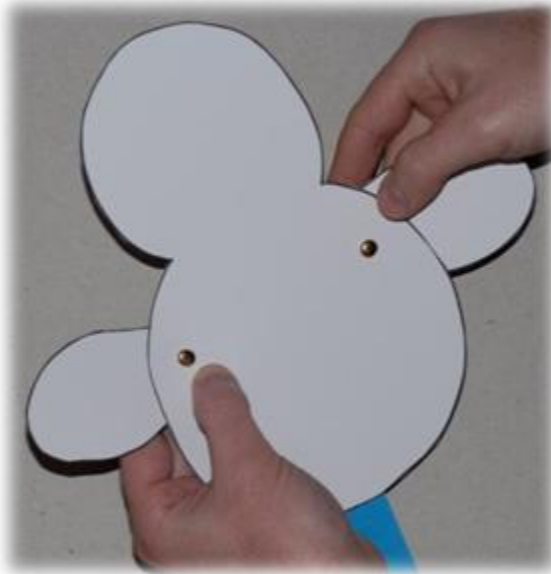
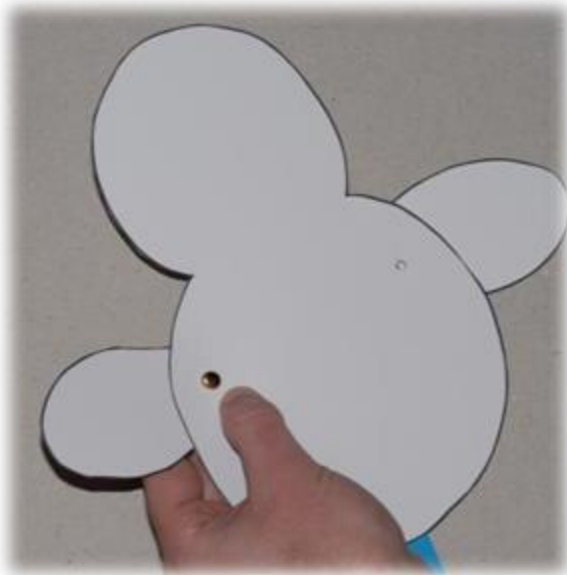
Tools and materials



Making the linkage



The two fixed pivots



The final design in action

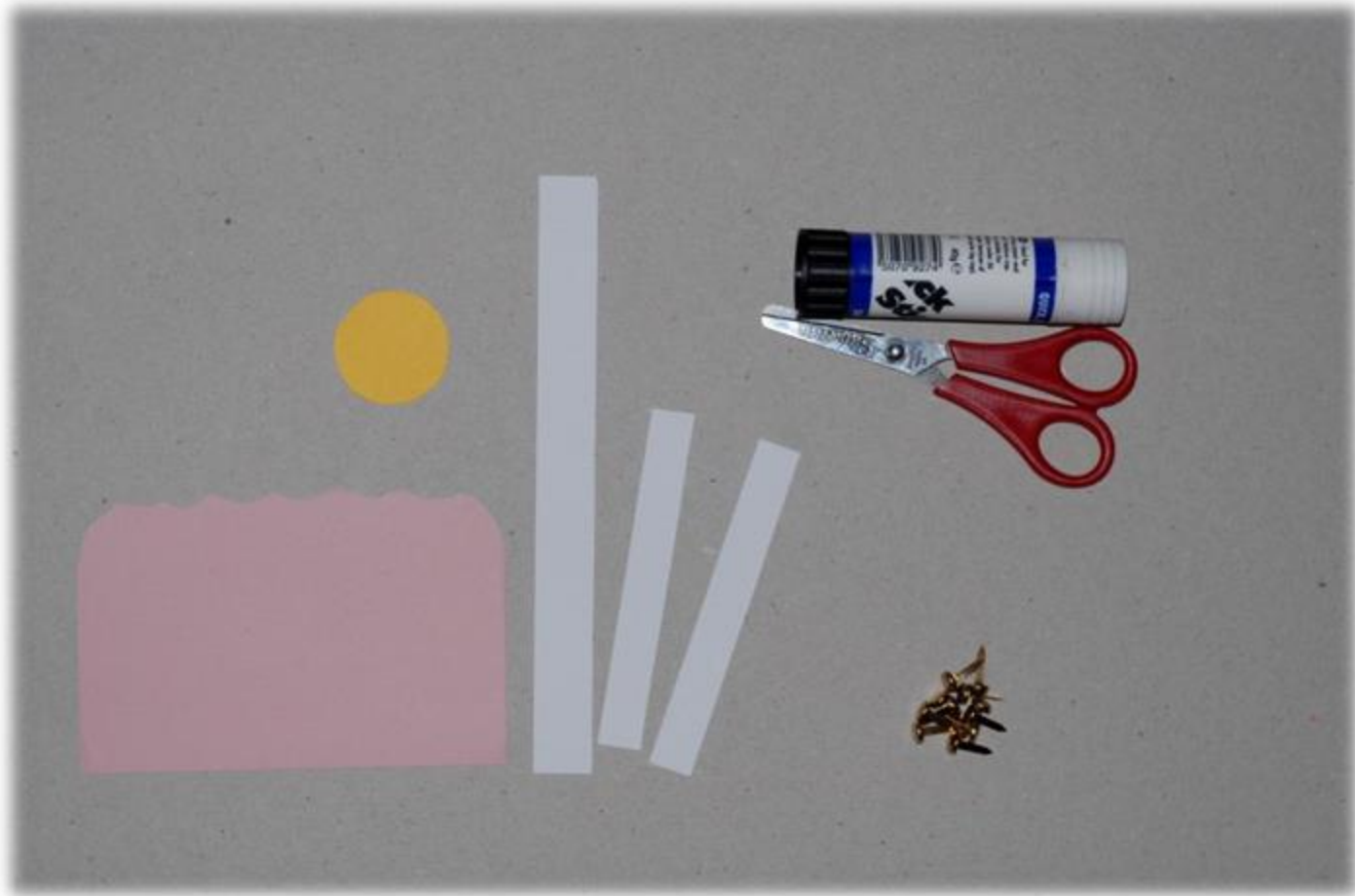




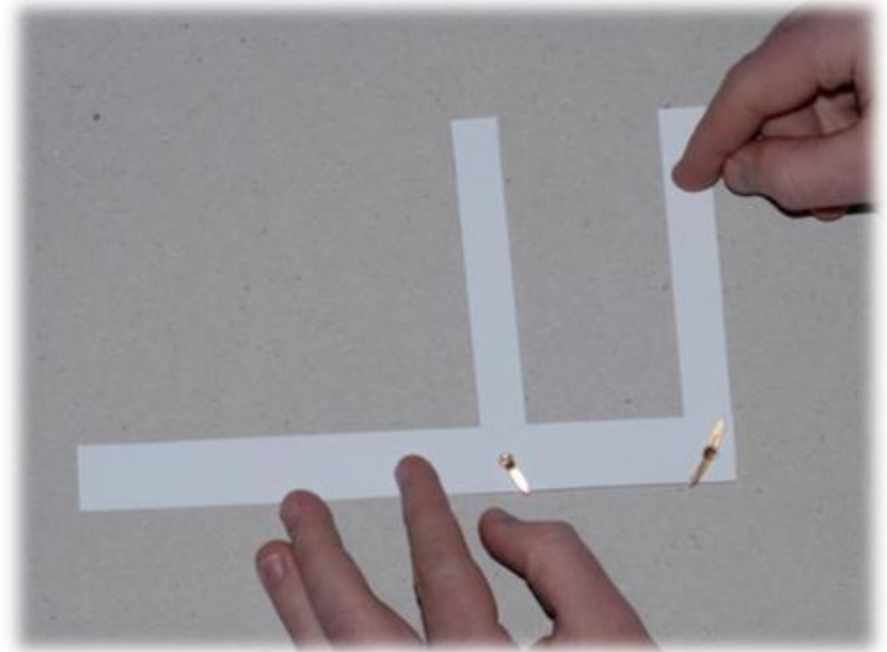
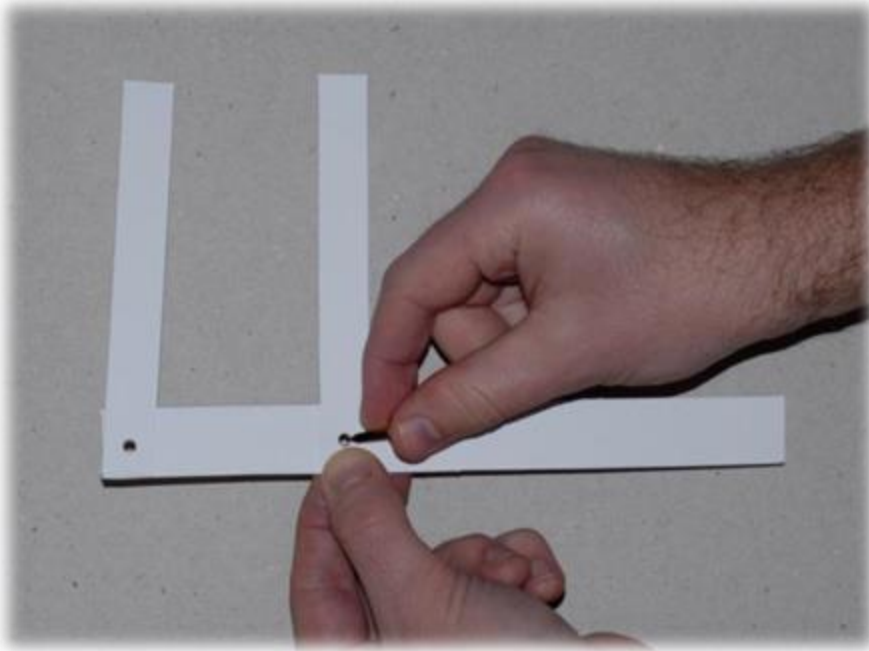
A double lever and linkage

Birthday cake

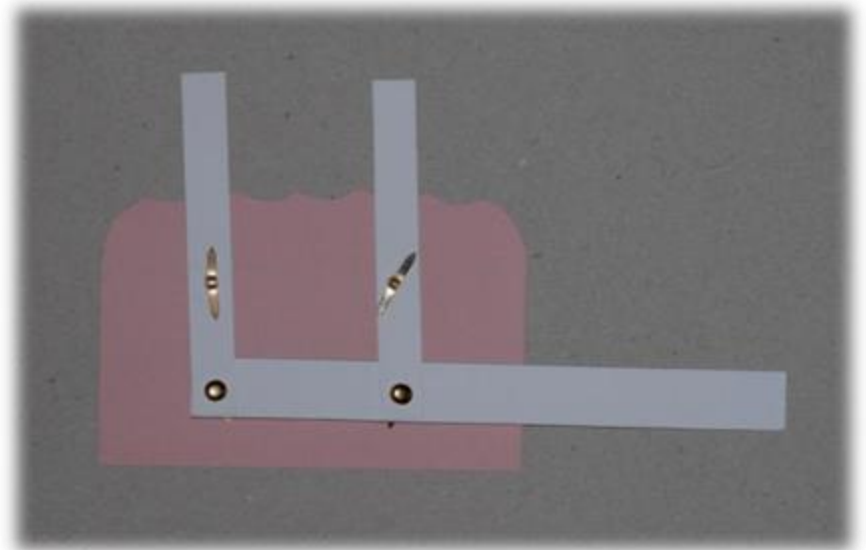
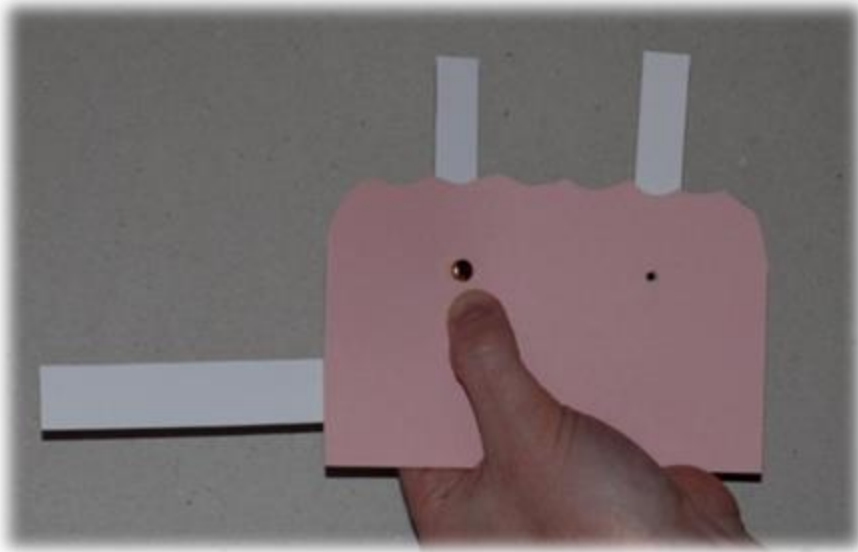
Tools and materials



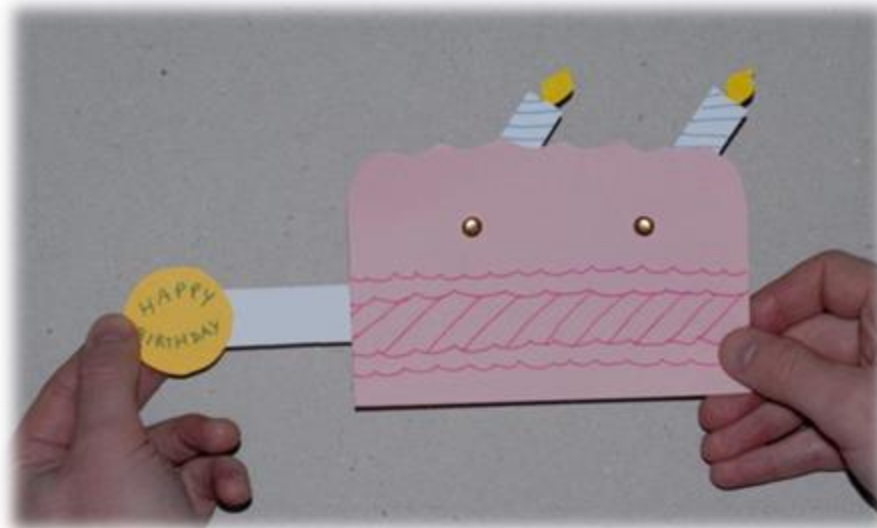
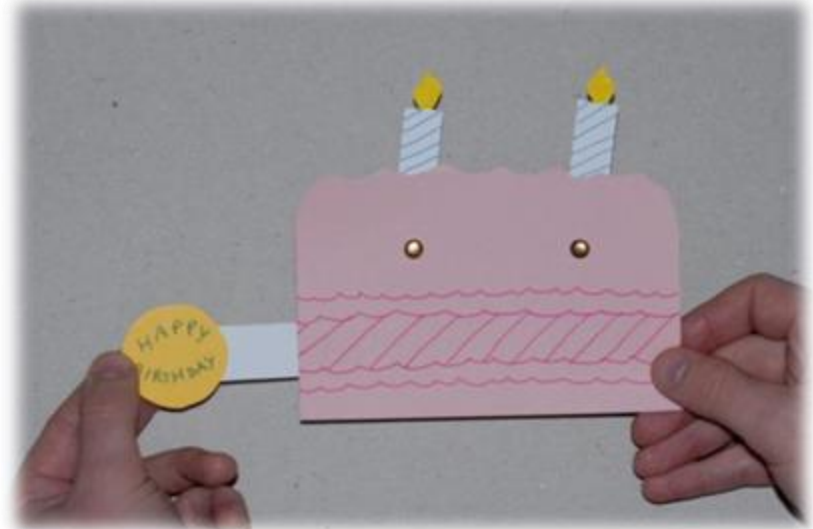
Making the linkage



The two fixed pivots



The final design in action

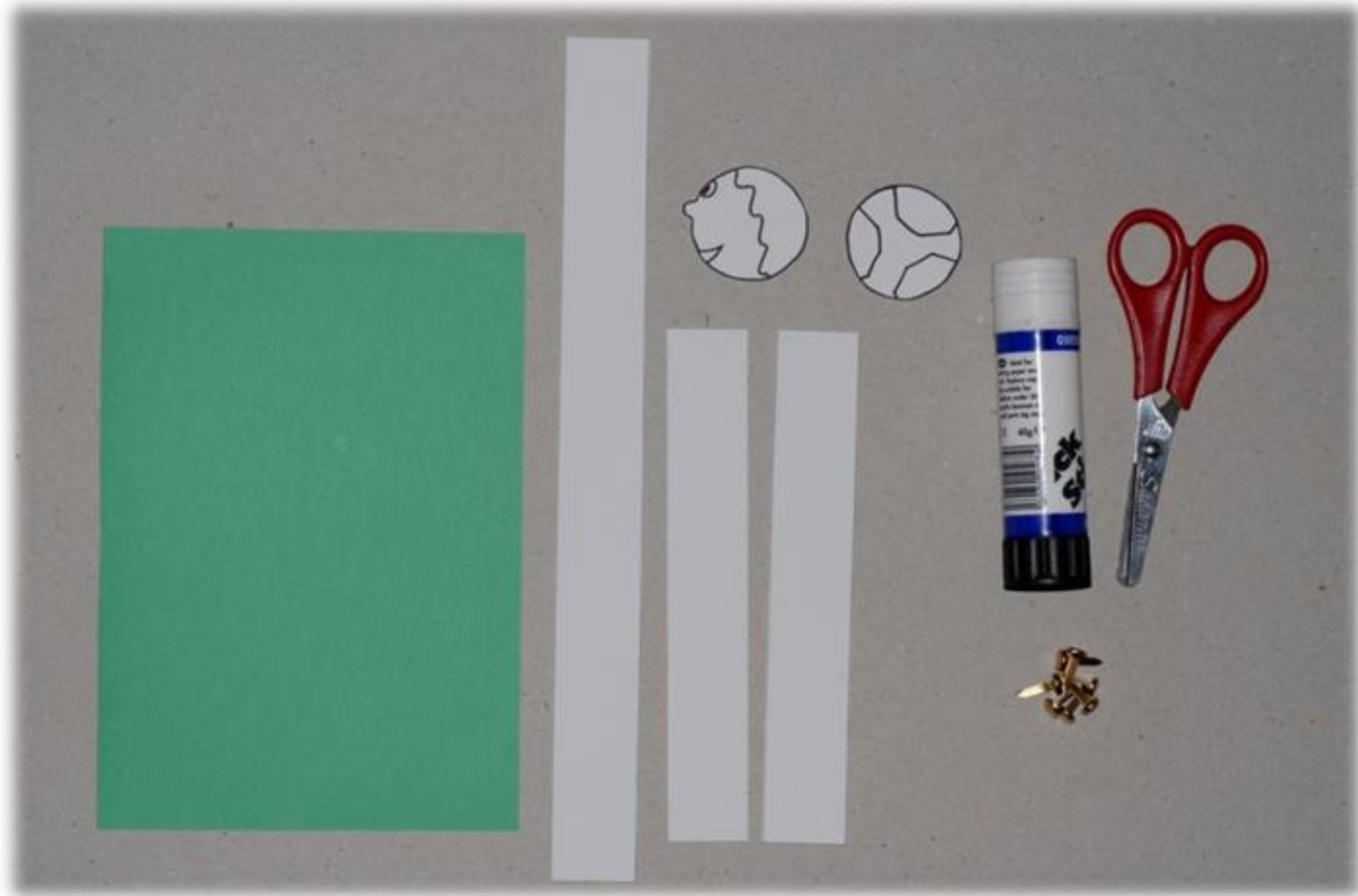




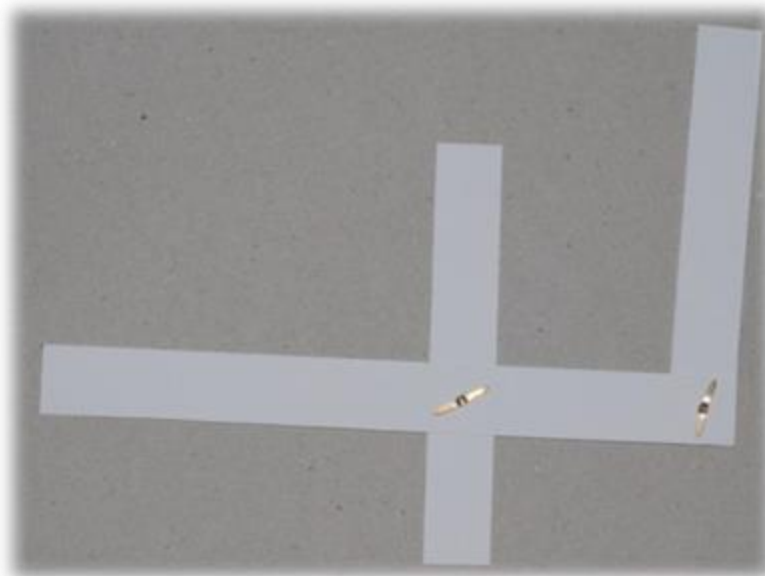
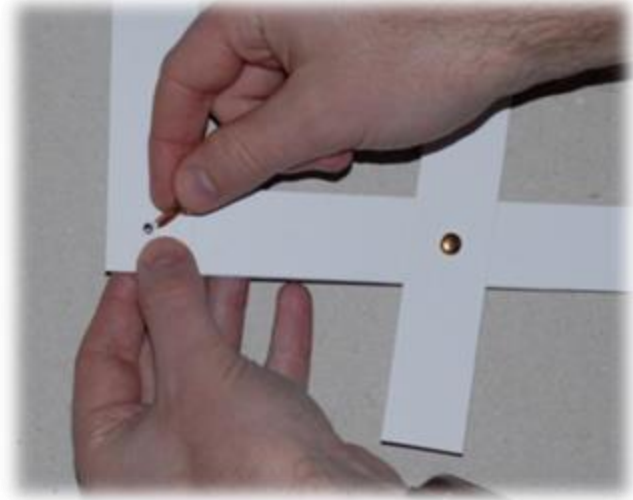
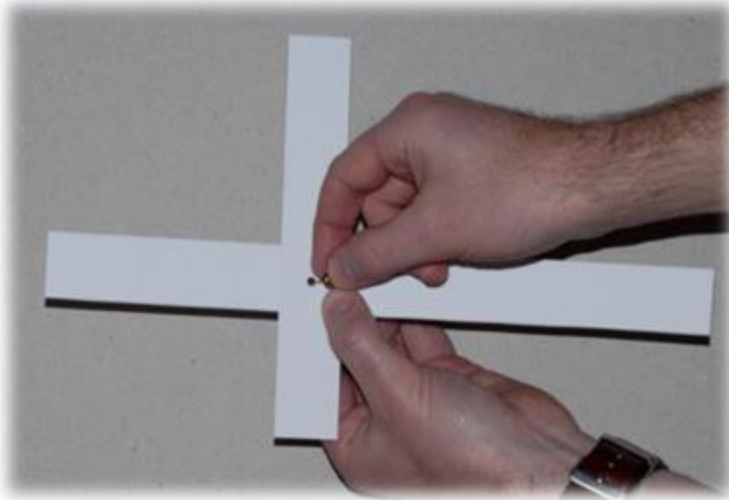
A double lever and linkage

Heading the ball

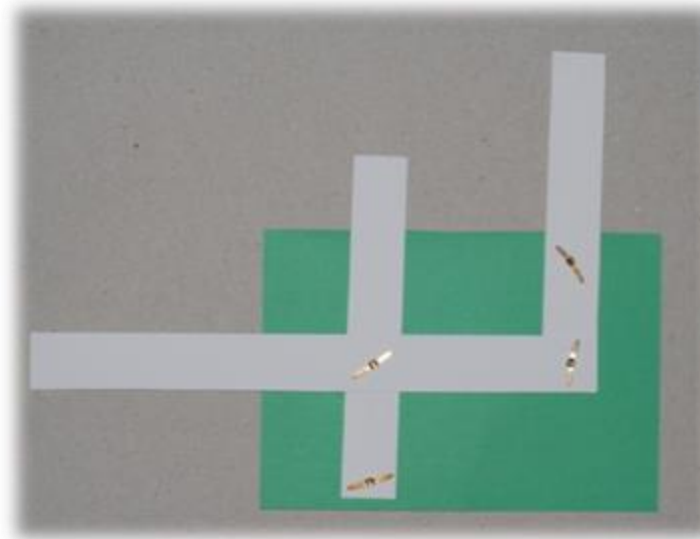
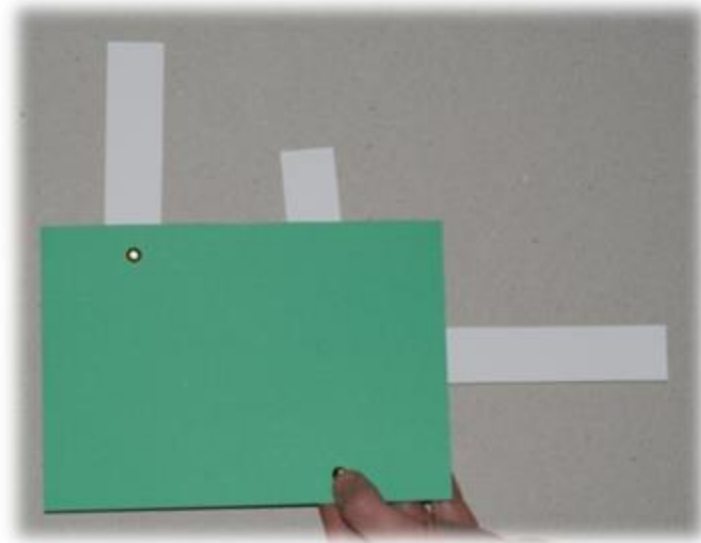
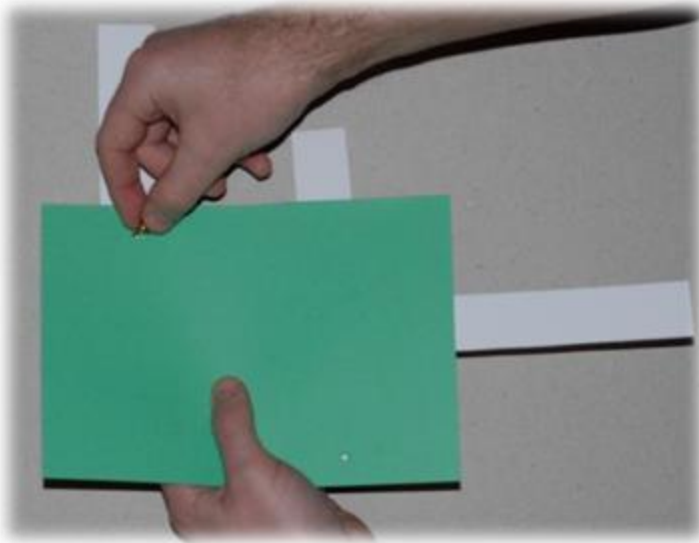
Tools and materials



Making the linkage



Connecting the two fixed pivots



The final design in action

