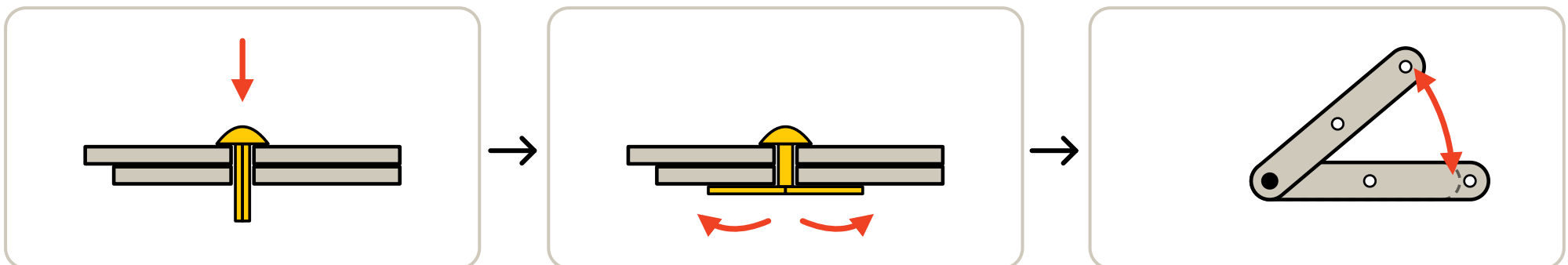
institute of imagination

Split pin shapes

Each split pin is a joint: the card turns on it.

1 Join two strips with a split pin.

The strips have their holes. For a shape you cut, make a hole with the hole punch.



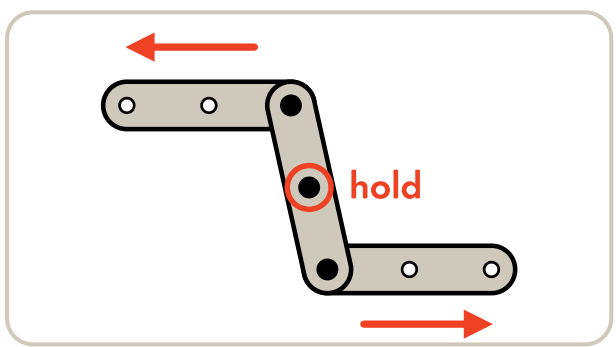
Push it through both holes.

Open the legs flat on the back.

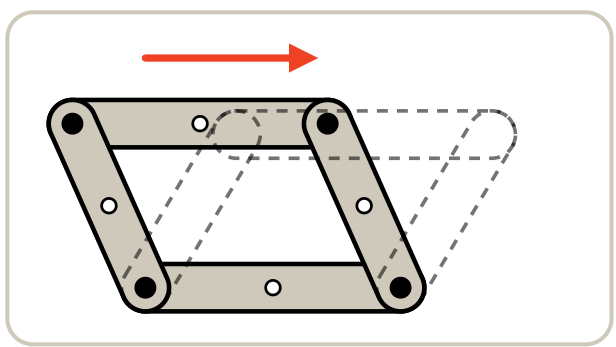
Turn a strip.

2 Try three linkages.

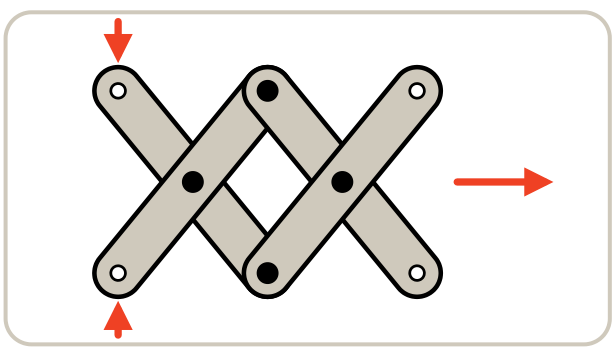
Each dot is a split pin. Red shows the movement.



Z
Hold the middle joint still. Move one end and watch the other. Now try it the other way round.

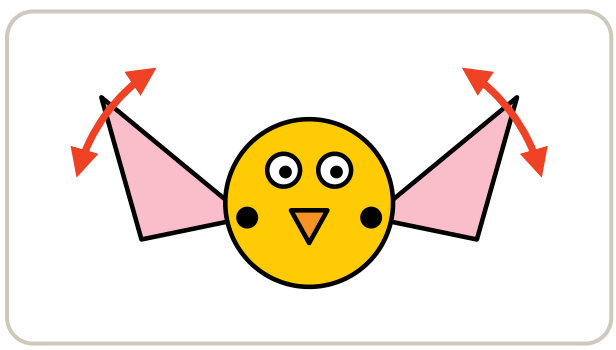


Parallelogram
Push the top: it leans over sideways.

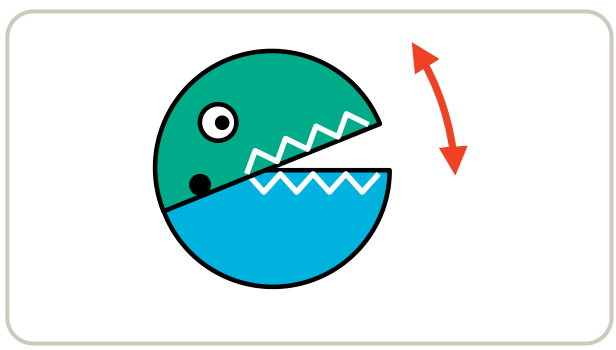


Scissor extender
Squeeze one end: the other reaches out.

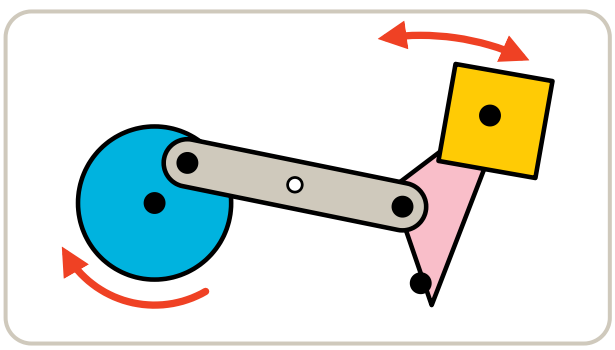
3 Use your moving strips and shapes to invent your own creature.



Wings that flap



A mouth that chomps
Move the top jaw to make your creature chomp.



A chain
Turn the circle: the triangle waves.

What else could you make move? What happens if you pin a strip through a different hole?



It will not turn? Loosen the legs a little.