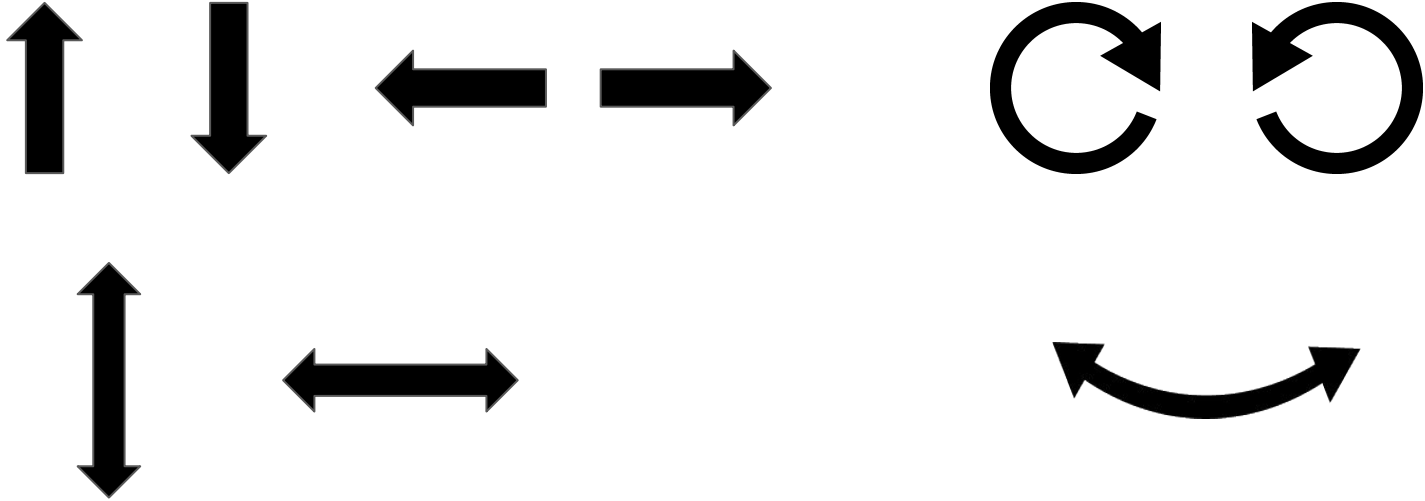
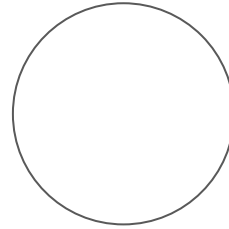
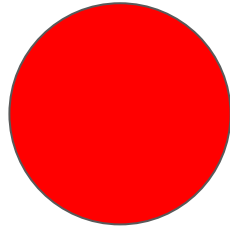
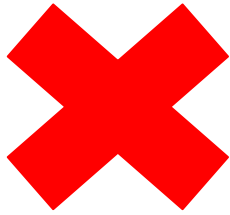


MOVEMENT ARROWS



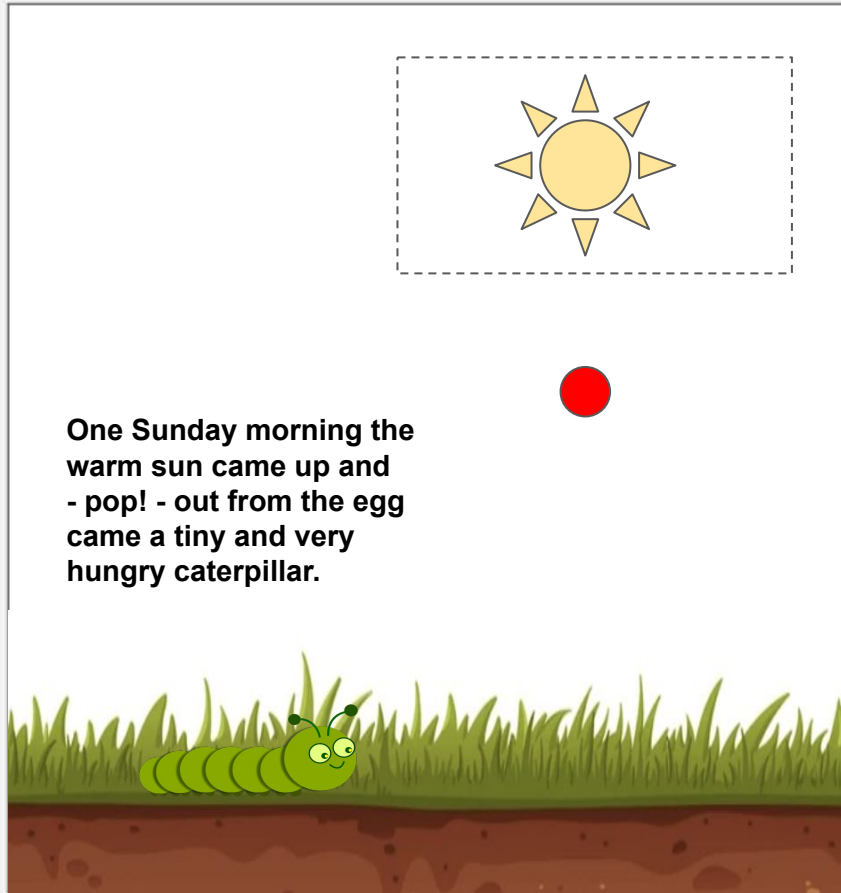
OTHER SYMBOLS



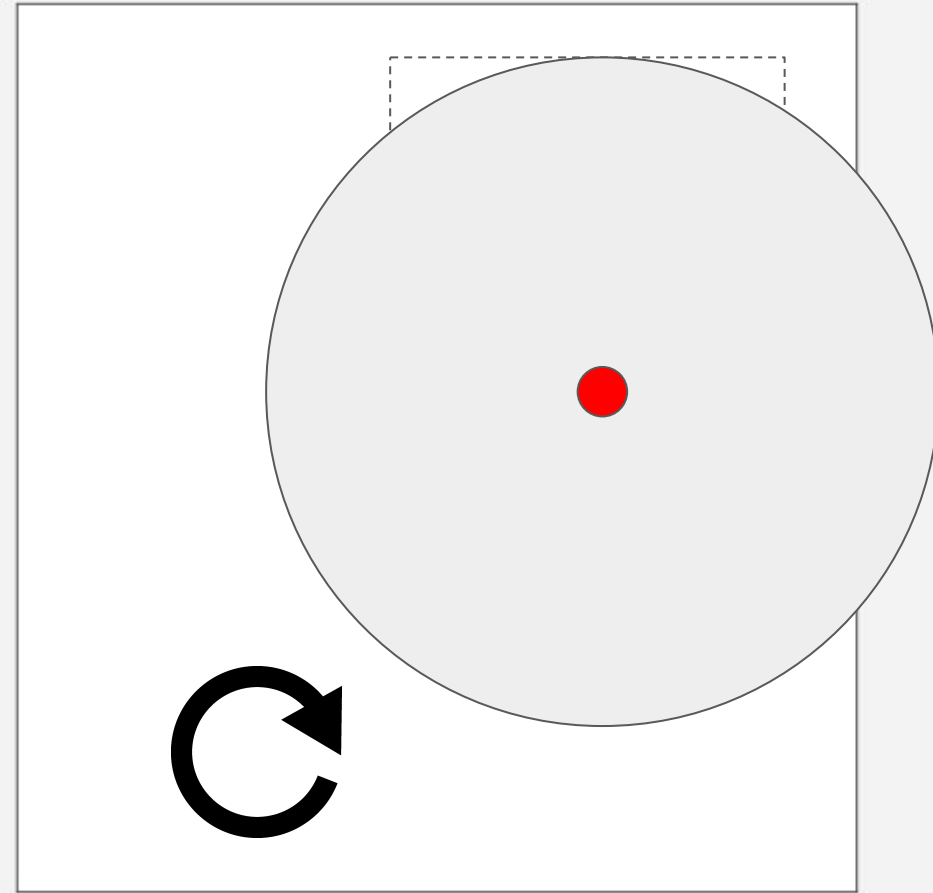
Design Drawing Instructions

- Draw the front and back sides of the page.
- Show the actual shapes of all components (not just lines).
- Use dotted lines (- - -) to illustrate any cut-outs or openings in a piece of paper
- Draw a small "X" in each corner of a piece of paper to show it's taped/glued down.
- Use **solid red dots (•)** to indicate fixed points or pivot points.
- Use **solid white dots (o)** to indicate pivots points that are not fixed to the page and move.
- Use arrows to show the direction of movement.
- Label key components.

FRONT OF PAGE

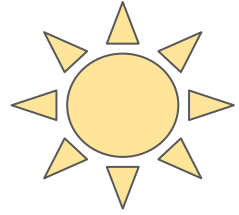


BACK OF PAGE

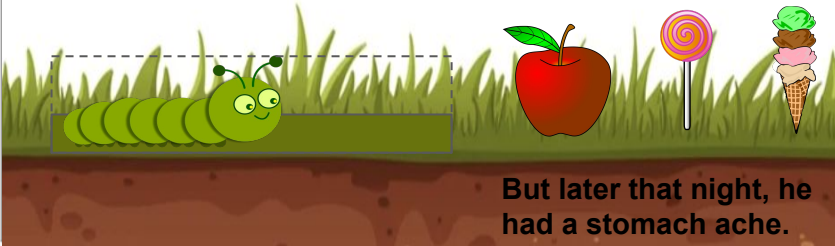


_____Rotary_____Moving Mechanism

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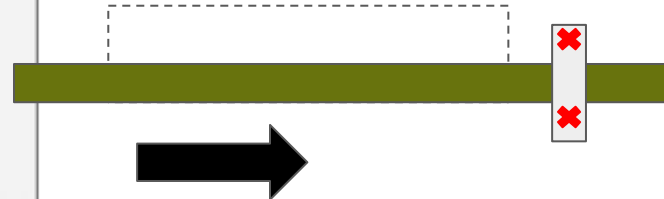


**The caterpillar looked for food
and ate fruits, vegetables,
candies, and chocolates.**



**But later that night, he
had a stomach ache.**

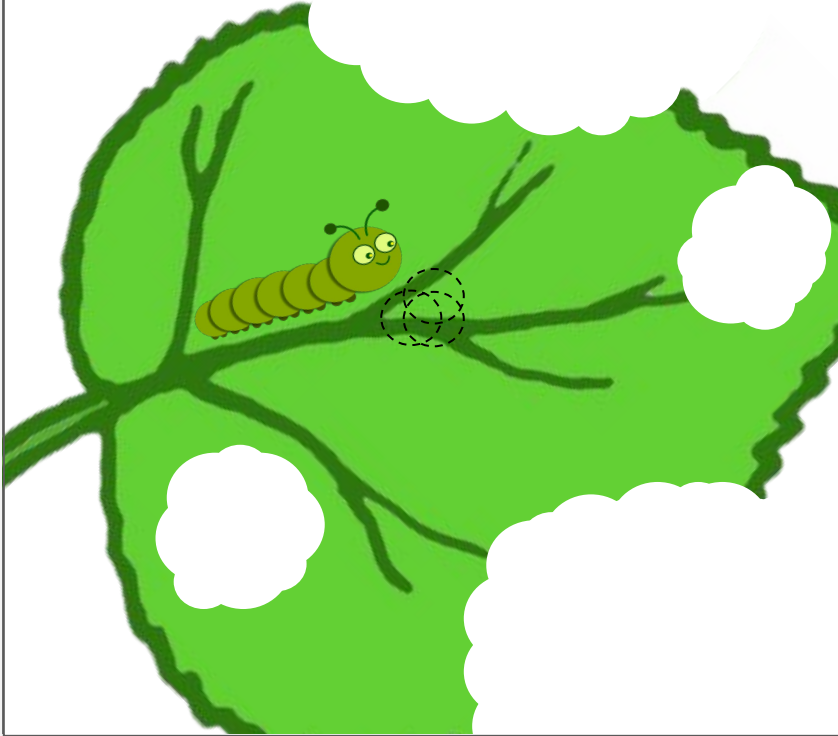
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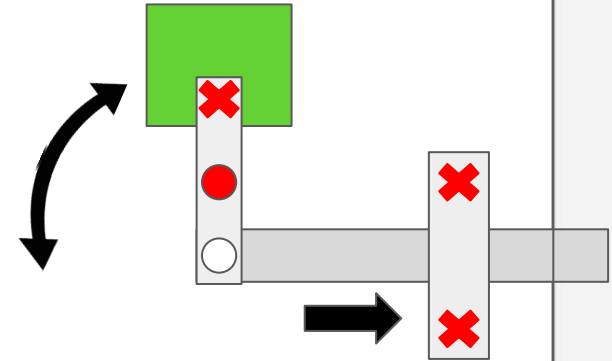
Linear Moving Mechanism

FRONT OF PAGE

The next morning he ate through a nice, green leaf.
After eating that, he felt much better.



BACK OF PAGE



Linkage Moving Mechanism

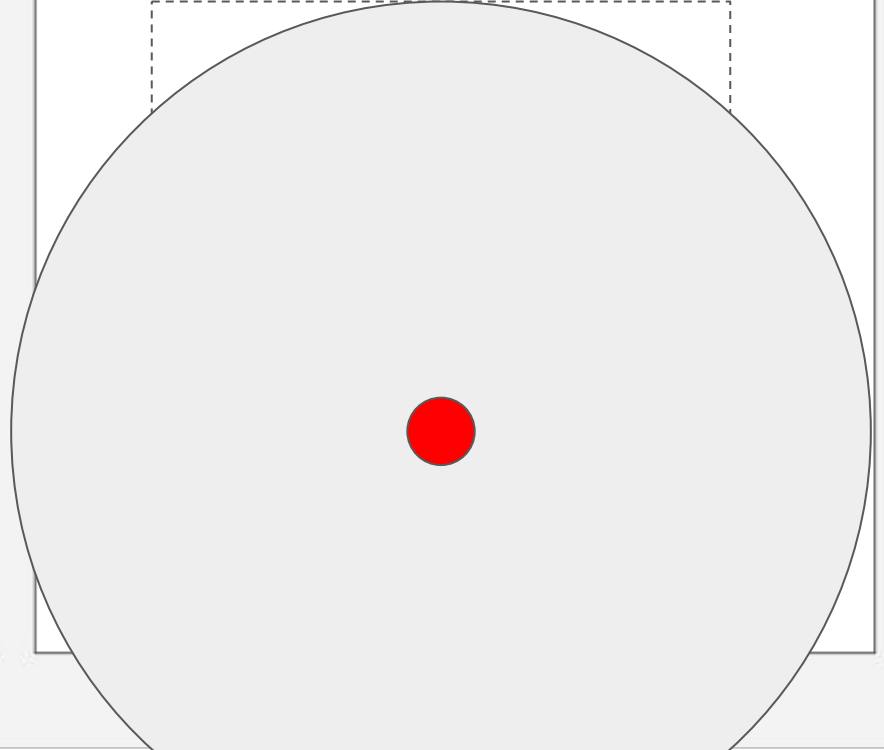
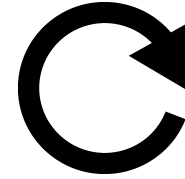
FRONT OF PAGE

Now he wasn't hungry anymore - and he wasn't a little caterpillar anymore. He was a big, fat caterpillar who later made himself a small house.



Rotary Moving Mechanism

BACK OF PAGE

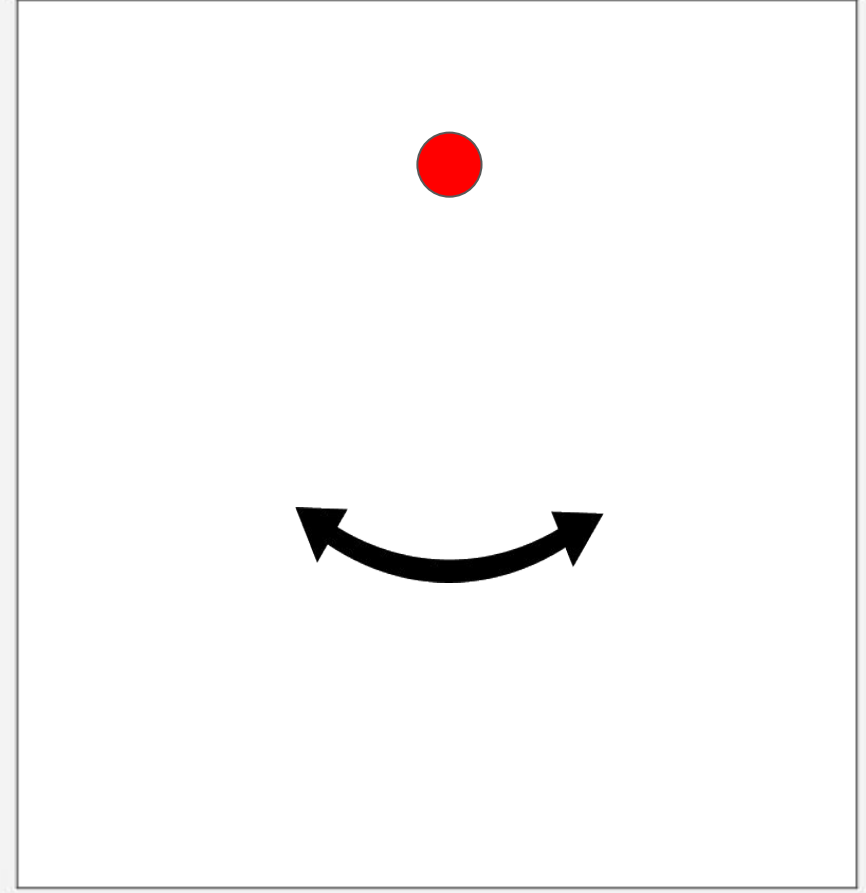


FRONT OF PAGE

After staying inside the small house for two weeks, he pushed his way out and... he was a beautiful butterfly.



BACK OF PAGE



Oscillating Moving Mechanism