

Your First Water Wheel

01 Workshop

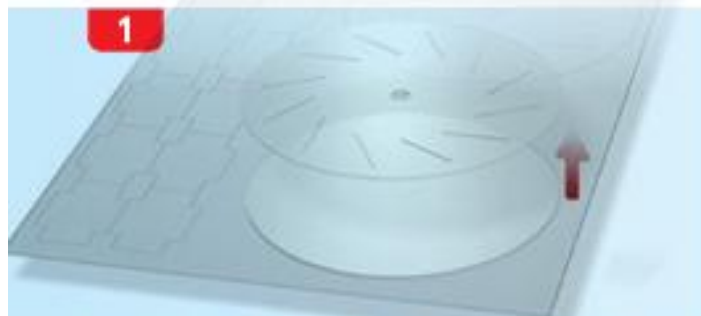
Water Wheel

For this and all other workshops in this kit, first follow the instructions to build the model, and then read and conduct the experiment immediately following the workshop to put your model in motion.

You will need:

- ☐ 2 water wheel disks (from plastic sheet)
- ☐ 12 water wheel paddles (from plastic sheet)
- ☐ 1 plastic strip to make a ring (plastic sheet)
- ☐ 2 small frames (13)
- ☐ 1 large frame (14)
- ☐ 2 large gear wheels (16)
- ☐ 1 long axle (19)
- ☐ transparent cellophane tape

1



Remove the 12 blades, the two wheel disks, and the narrow strip from the plastic sheet.

2



Roll the strip into a ring and tape it. This ring should have about the same diameter as one of the large gear wheels (it won't matter if it's a couple millimeters off).

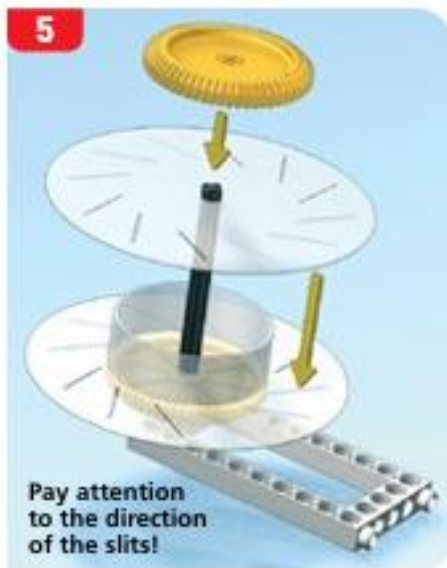
3



4



5



Pay attention to the direction of the slits!

6



7

