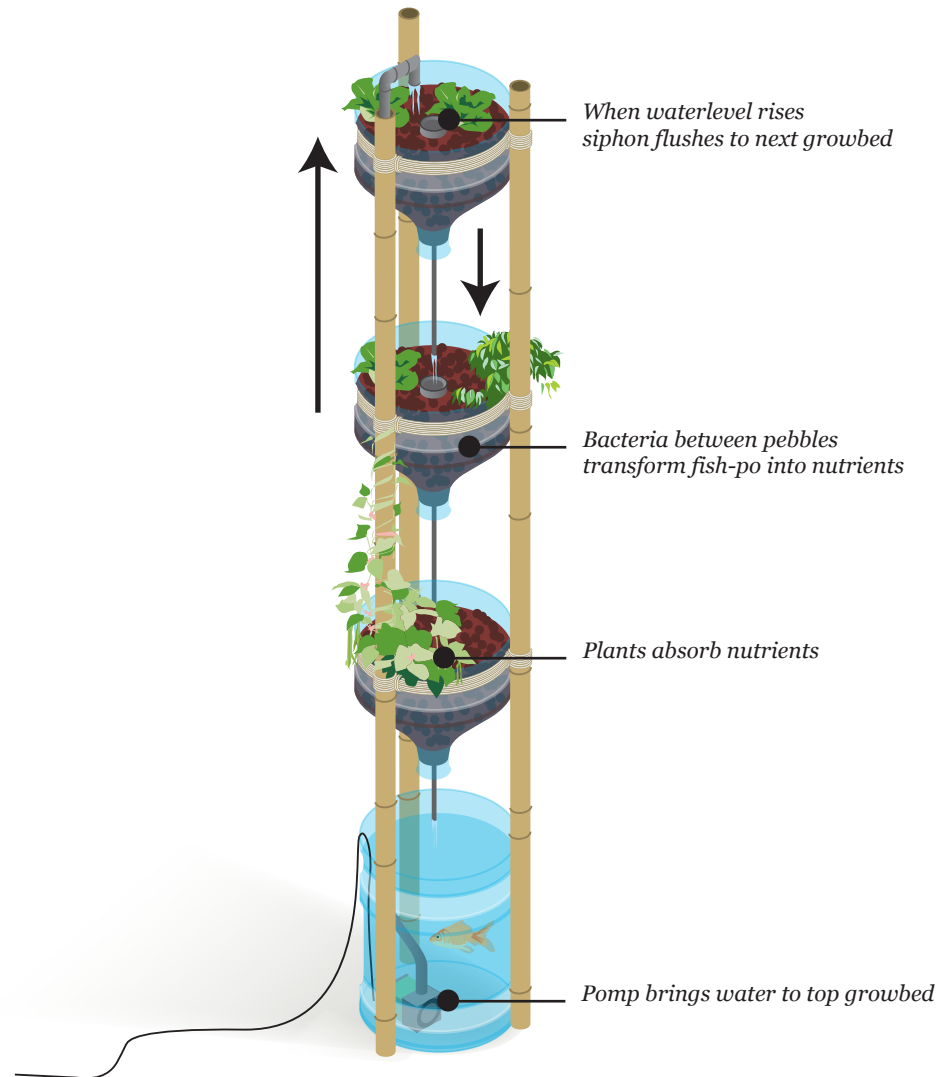
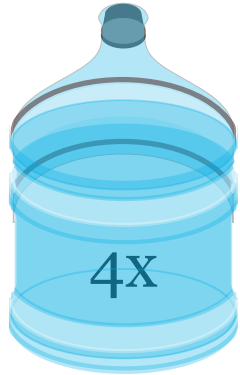


Miniponics Workshop

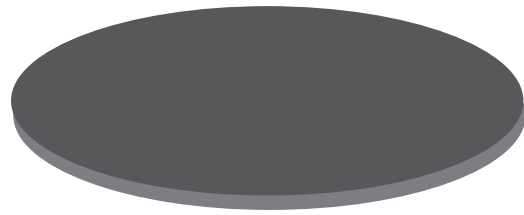
Miniponics System



Materials



Big Water bottle 20 liter



Base plate 1x
50x50 cm

3X



Bamboo
170 cm

PVC Pipe
100cm



Ø 10mm

PVC Pipe
60cm



Ø 20mm

PVC Pipe
60cm



Ø 32mm

Flexible hose
170cm



16-22 mm

Funnel

3X



12-16 x 10mm

End cap

3X



Ø 20

Rubber cork

3X



#13

90° elbow

2X



Ø 10

Hose clamp

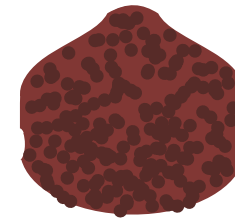
1X



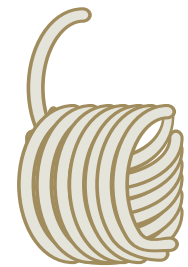
Ø 20



Pump 1x



Clay Pebbles 37 Liter

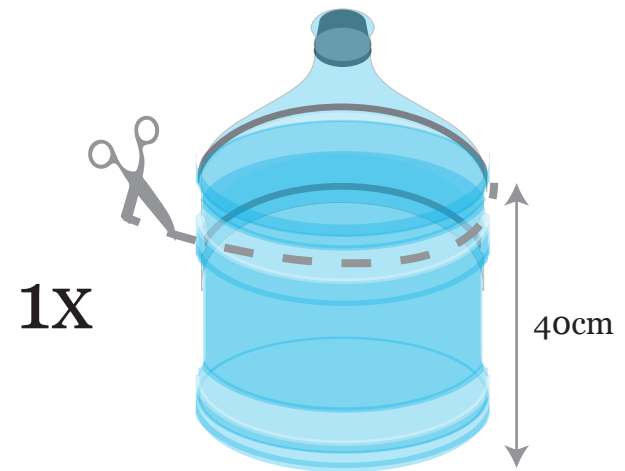
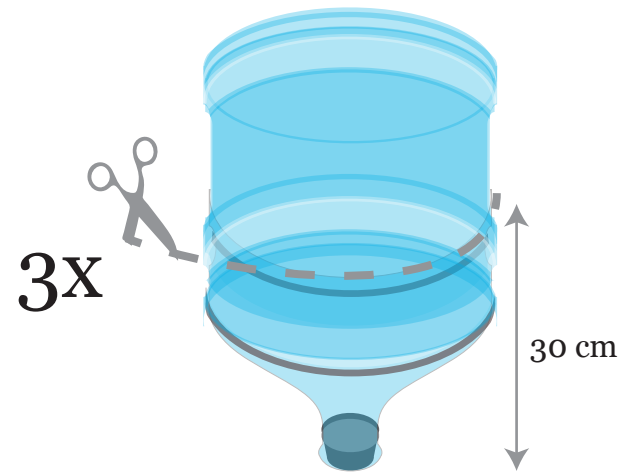
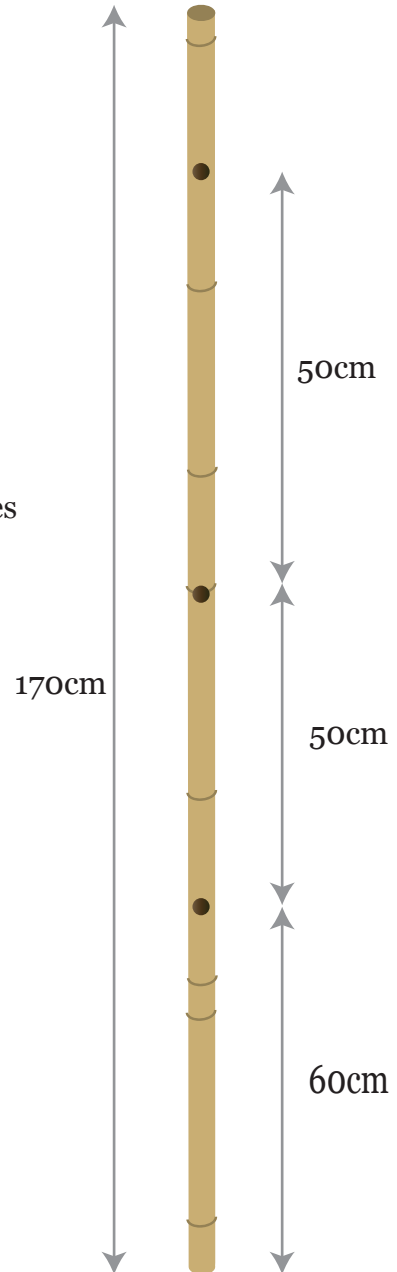


Ball of string

Step 1

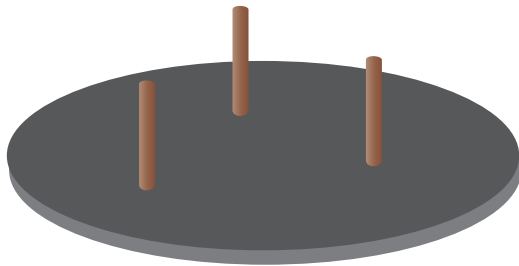
Drill three holes

3X

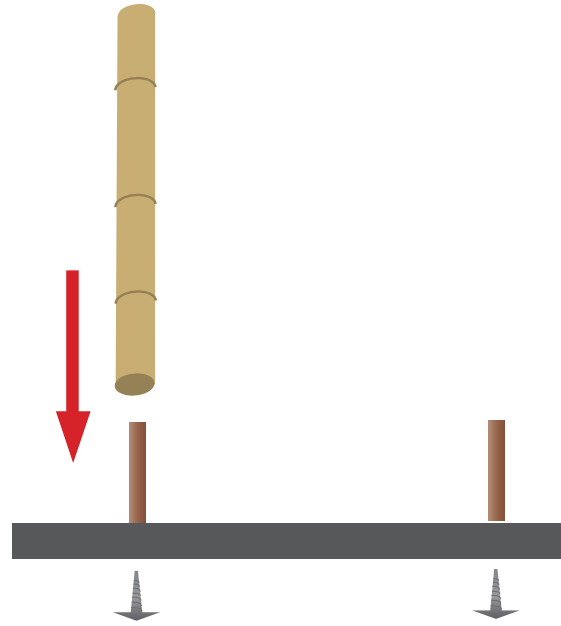
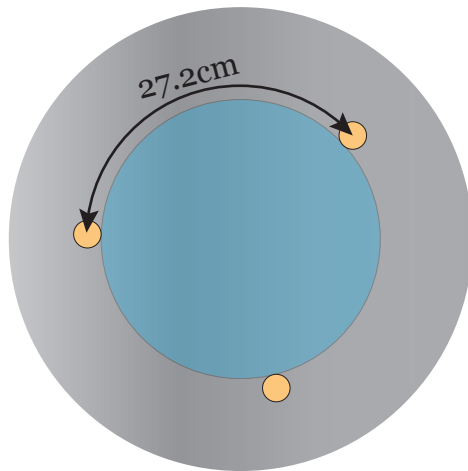


Step 2

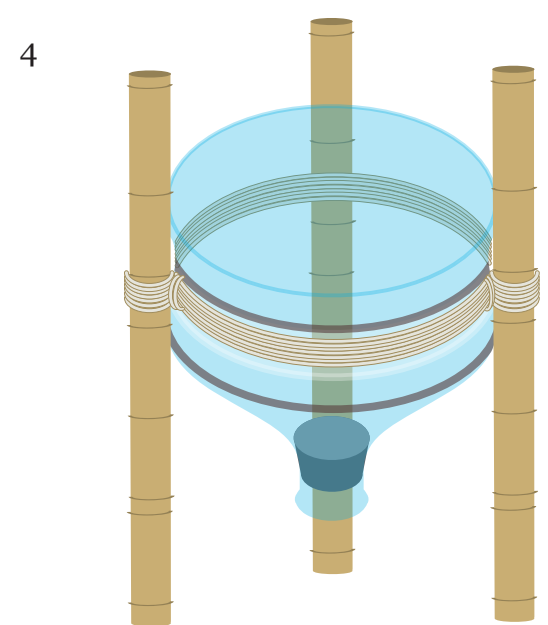
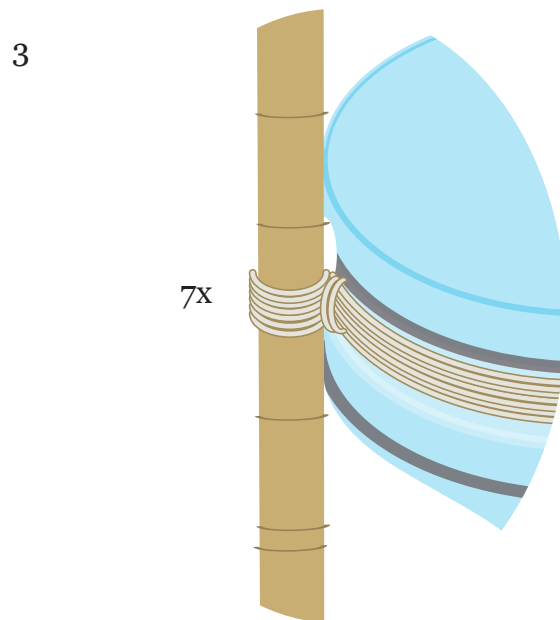
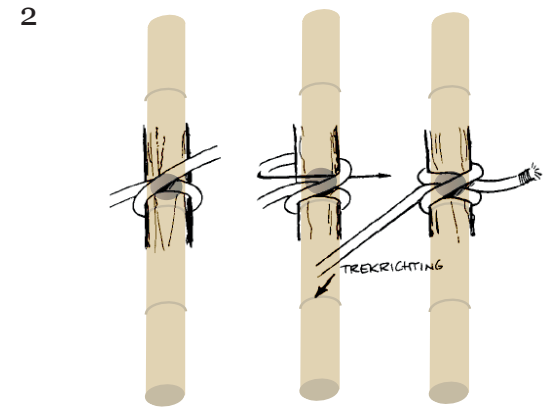
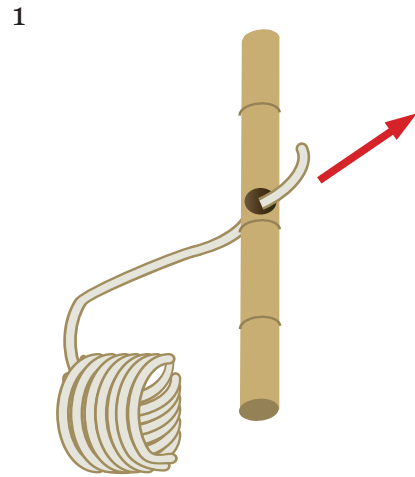
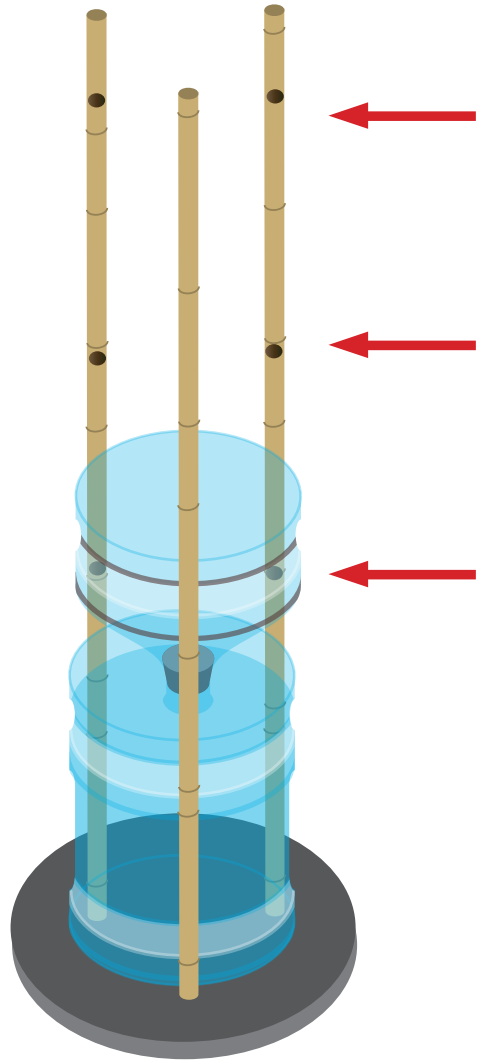
Round wood
3x 8 cm
Ø 20mm



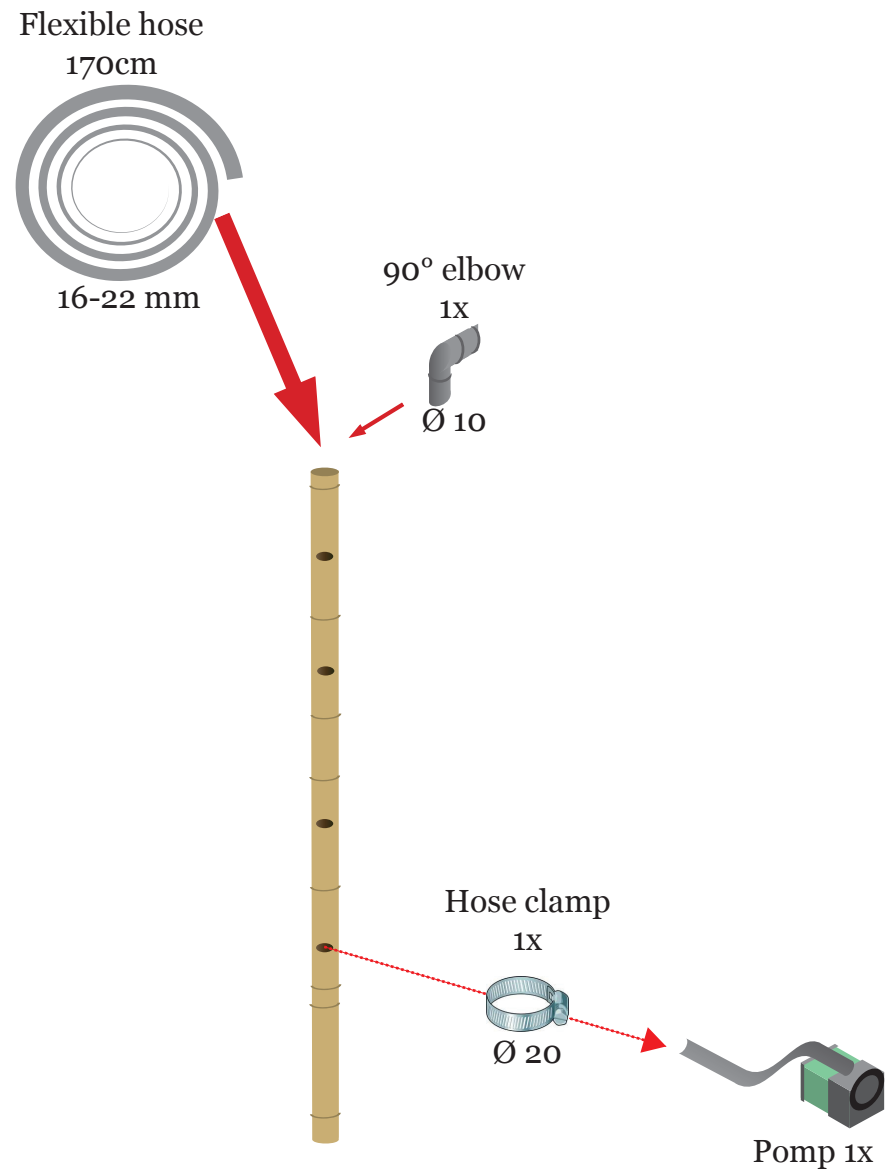
Base plate 1x
50x50 cm



Step 4



Step 3



Step 5

Funnel

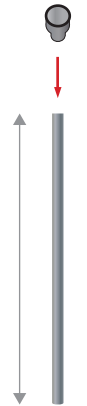
PVC Pipe
Ø 10mm

Funnel

2x
39,5 cm



1x
28,5cm

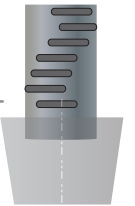
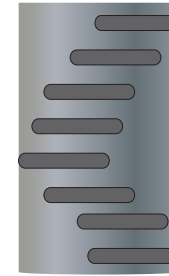
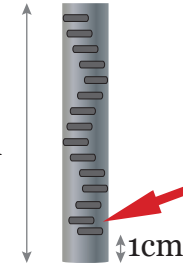


Pebble Blocker

Make cuts with saw

PVC Pipe
Ø 32mm

3x
20cm

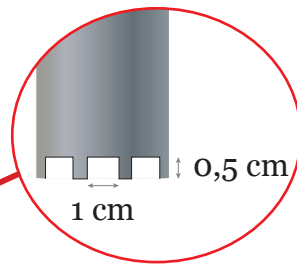


Bell

Make cuts with saw

3x
18cm

PVC Pipe
Ø 20mm



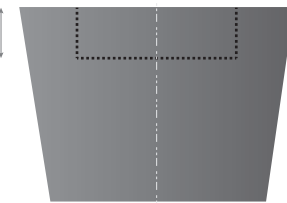
Rubber cork

3x

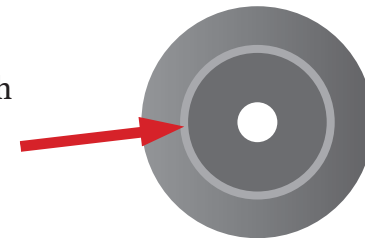


#13

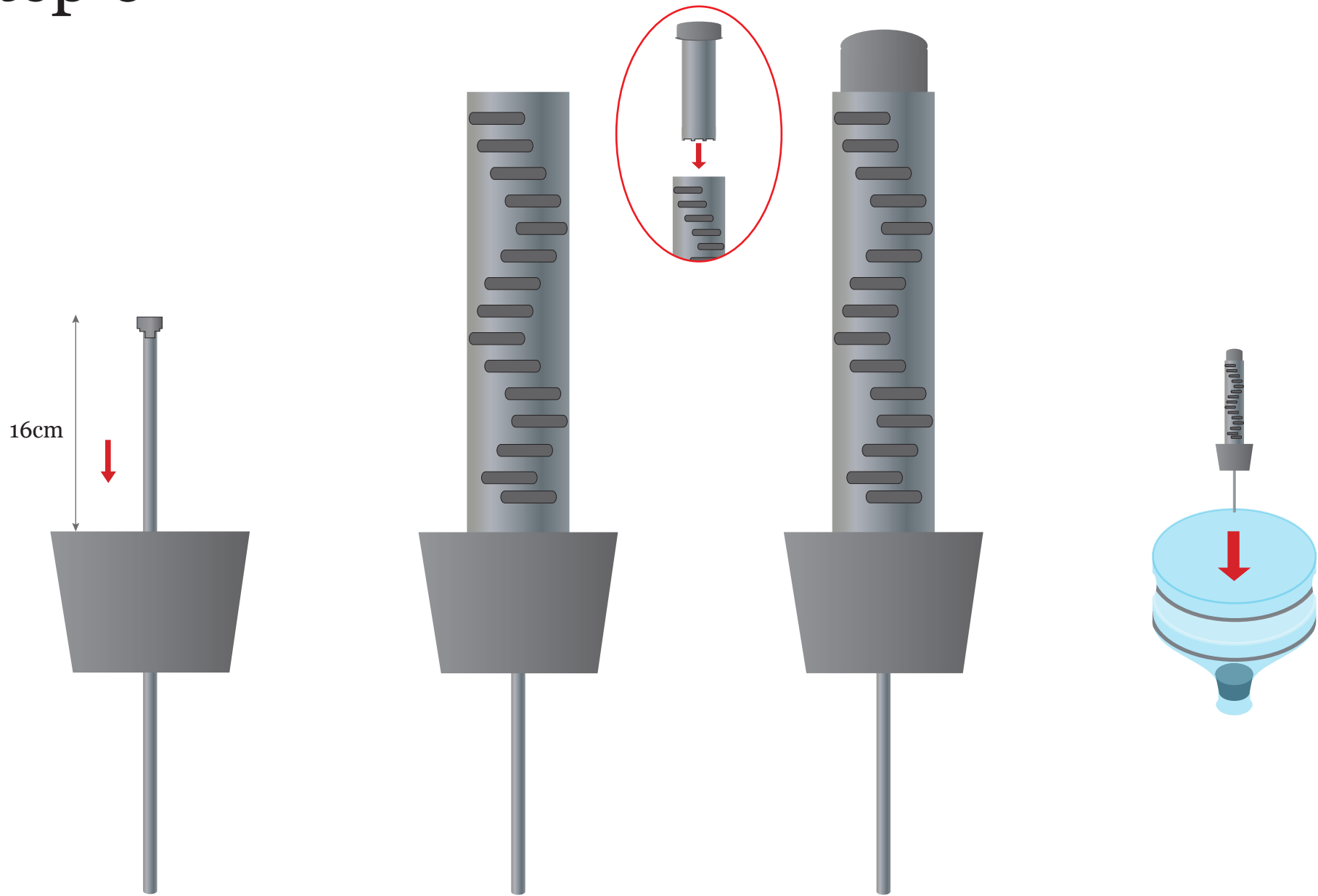
1cm



Make a cut with
circular drill
Ø 32mm



Step 6



Step 7



Plug and
Play

Exploded view

