

# SUPER SIEVER

Sieving can be tricky, tiring, tedious, and time-consuming. We designed the Super Siever to make archaeologists' excavations easier! Built with simple materials, the Super Siever can be run by hand or with a battery-powered drill.

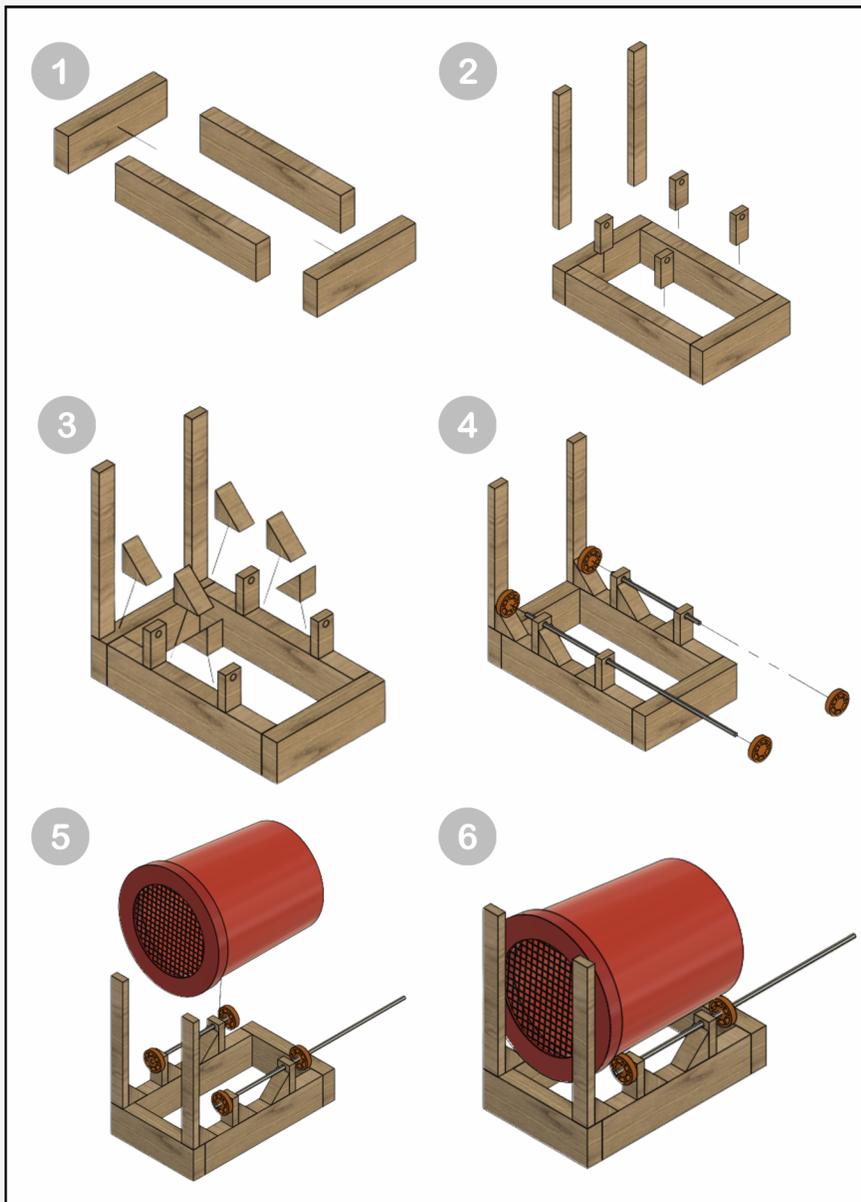
See it in action on our website at [www.supersiever.com](http://www.supersiever.com)!



# BUILD A SUPER SIEVER

## Instructions:

1. Cut out the center of the bucket lid and glue in a circle of mesh.
2. Cut off the bottom of the bucket.
3. Bore  $\frac{1}{2}$ " holes centered  $\frac{1}{2}$ " from the top down of each 3" long 1x2 piece of wood.
4. Follow the picture instructions below to assemble.



## Materials

Qty.	Item
1	5 gallon bucket with lid
4	$2\frac{1}{4}$ " wheel ( $\frac{3}{8}$ " hex compliant)
2	Aluminum hex bar axle, 24" length
2	2"x 4" wood, 10.5 length
2	2"x 4", 15" length
4	1"x 2" wood, 3" length
2	1"x 2" wood, 14" length
6	2" x 2" wood right triangles
1	Mesh
1	Ratchet strap
1	Handle ( $\frac{3}{8}$ " wrench OR drill)

## Tools

Drill and bits
Saw
Wood glue