

# PUMP DRILLS

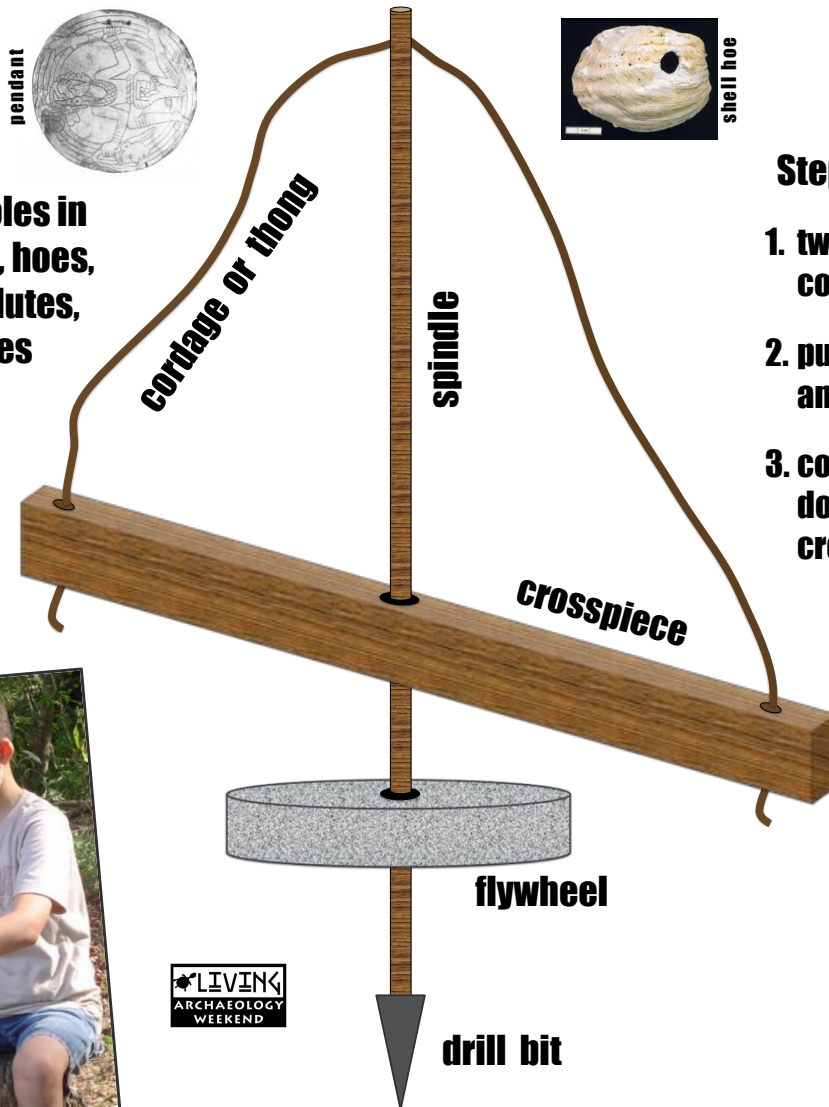
**hand-held tool for drilling holes in bone, shell, wood, soft stone**



**used to make holes in  
pendants, beads, hoes,  
atlatl weights, flutes,  
smoking pipes**



pipe



## Steps in Pump Drilling

1. twist crosspiece and cordage around spindle
2. push crosspiece down and let it bounce back up
3. continue slowly pushing down and releasing crosspiece



atlatl weight

