

3 kids

- knitting crochet @ 8, stopped for a long time
- picked up again, went to weaving class, loves it.
- loves weaving, meet community of weavers

- Sayore, Japanese children basics weaving technique

- lots of art, japanese styled

- wears apple watch

- automated life, coffee is setup

weaving

- rigid heddle

process is very tricky

- setting it up is hard ie

① prep the yarn





Swift, takes  
a long time

- motor to do  
this ball winder
- start stop speed  
button keep it  
stops / or knot



mechanic \$  
annoying

- wind yard  
in a ball winder

- most yarn comes  
like this,  
destroy some  
fibers → esp  
natural fiber

② put on loom

figure out size



wrap over all  
this to  
measure  
out length  
+ string  
ie: iterations  
of 80<sup>m</sup>  
for an 80<sup>m</sup>  
thing

warping  
board



← this is annoying  
to put on

← has pre  
packaged

warping, tying, putting it  
on  
warping  
peg, look up

4 or 8 shuttles floor looms

saw part - put shuttle through

amongst things

- warping / putting thread through  
loom

- using ball winder

WARPING





- measure size

-

## BALL WINDER

- tell how long the thread  
is, by yard or inches

- wind same, how long it is

- knots usually don't happen

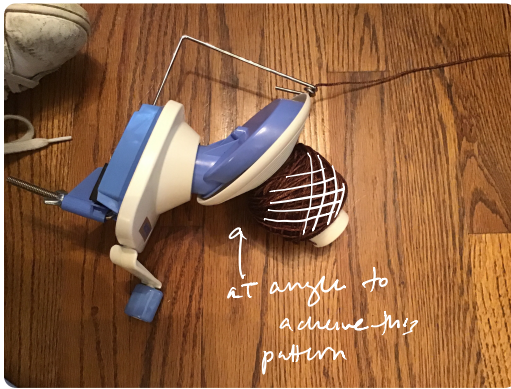
- need steady movement

or the skein collapses  
on itself

maybe a whole system

- stops if there is an

issue



← maybe  
incorporate  
new state  
model

↓  
she said more  
practical  
to separate  
the two

electric ball  
winders.