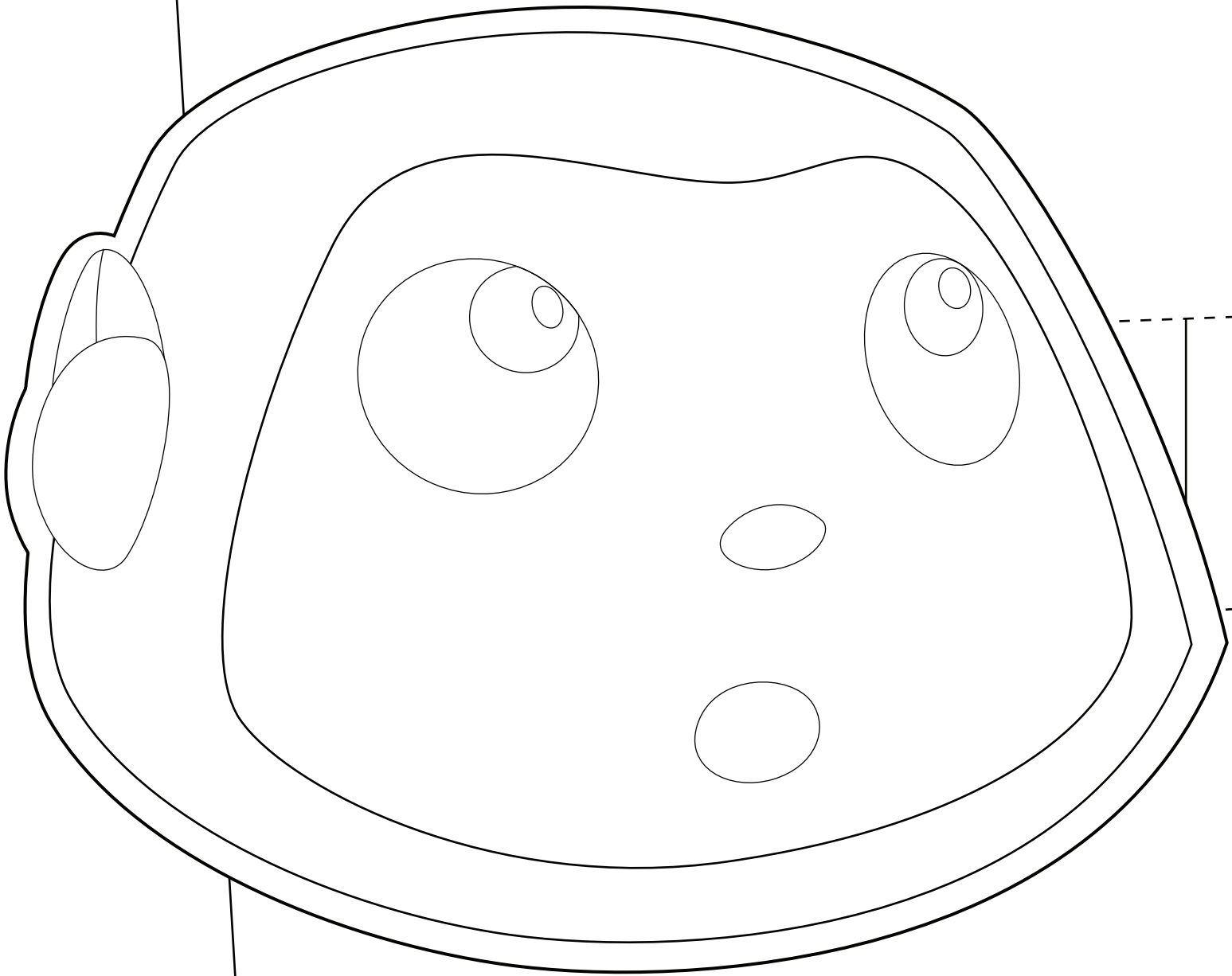
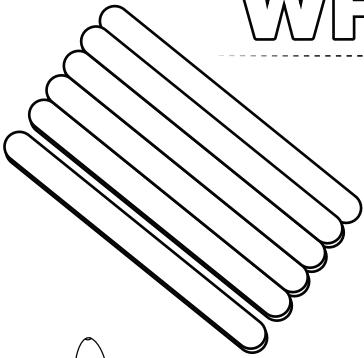


# THE TEST



# STEM ACTIVITY

# WHAT YOU NEED

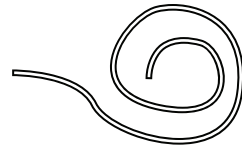


## 6 POPSICLE STICKS

Use thinner sticks.

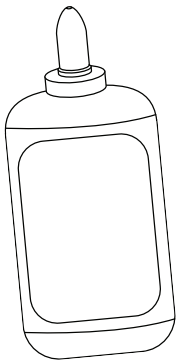
## STRING OR YARN

Make sure it can fit through the beads.



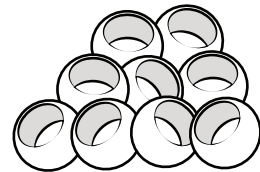
## GLUE

Use liquid glue as gluesticks will not bind the wood together well enough.



## BEADS

You will need 45 Beads per abacus.

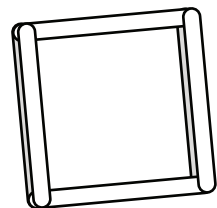


# DIRECTIONS

## ABACUS

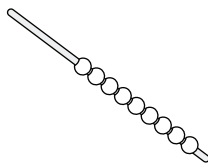
### STEP 1

Glue the popsicle sticks into a frame.



### STEP 2

Pull a piece of string through 9 beads. Do this 5 times.

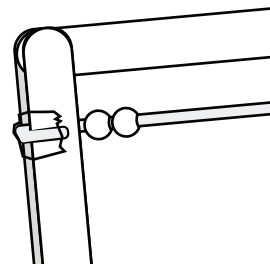


### STEP 3

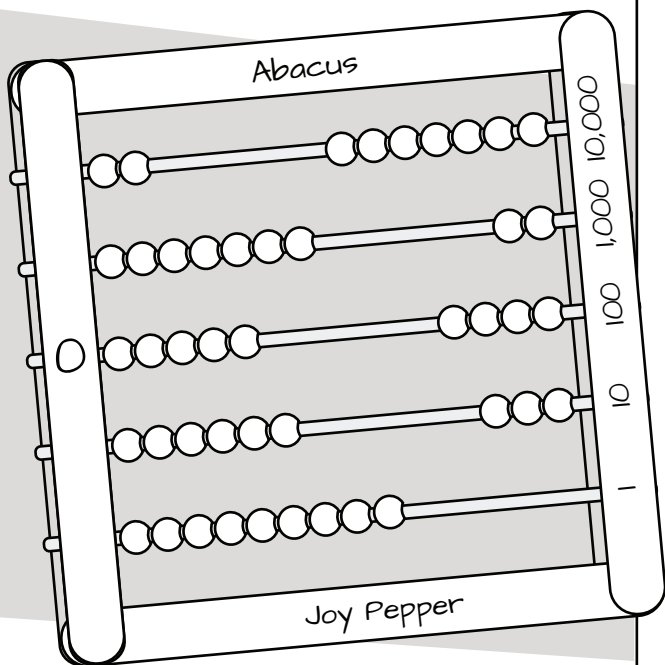
Write a zero on one side of the frame, and the numbers following numbers on the alternate side: 1; 10; 100; 1,000; 10,000. See final Illustration.

### STEP 4

Loop the strings of beads through the opening in the frame and tape to secure. Repeat this for each of the 5 strings.



**That's it; You've made your very own abacus!**



**Tip:** Have each child write their name on their abacus.