

GRAB AND GO KITS

Sinking Squid

SUPPLIES

GRAB & GO KIT: 1 plastic bottle, 2 bendy straws, 2 pieces of twine, 6 paper clips, 1 blue water pellet, 1 sticker sheet

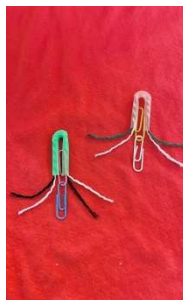
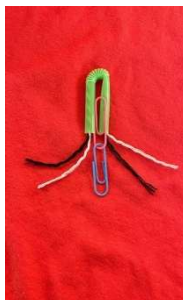
FROM HOME: Scissors and access to water

INSTRUCTIONS

1. Gather the supplies from your kit and home.
2. Remove lid from plastic bottle and fill almost to the top, but not to the very top - you want to avoid overflow when the squid are added, and the bottle is squeezed.
3. If you want the water to appear blue, drop the blue color pellet in. Observe the bubbles, do not replace the lid yet (the bubbles/gasses must escape before the lid goes back on), place aside in a safe place. Note: the pellets are labeled non-toxic/stain-free but still be cautious...just in case.
4. Fold straw at the bendy neck and cut off excess from each side. Either side of the fold should be around 1.5 inches long.
5. Straighten the straw back up and feed a piece of twine through it so that the twine dangling on either side is approximately the same length.
6. Use a paper clip to clip the sides of the cut straw together.



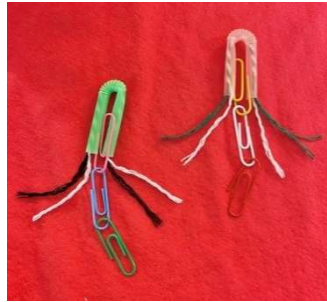
7. Add a second paper clip to the end of the first so that it dangles down.
8. Untangle the twine if desired (to look more like tentacles).
9. Repeat step 4-8 to create a second squid.
10. Place both squid in the bottle, paper clip side down. Take your time! You want to make sure no water gets into the bend of the straw.
11. Replace the cap, making sure it's tightly secured. Squeeze the bottle. The squid should sink! When you release, the squid should float back up again.
12. Add stickers to decorate the outside of the bottle.



TROUBLE-SHOOTING TIPS

If your “squid” doesn’t sink, here are some tips and tricks to try. Science experiments often require trial and error, so don’t be discouraged if you need to make some modifications.

- Squeeze the bottle even harder (with both hands). When we squeeze the bottle, it changes the water pressure causing the squid to sink.
- The bottle needs to be almost full. Add more water if need be.
- The squid may not be heavy enough. Add a 3rd paper clip and see if that helps.



- If water got into the u-bend of the straw, the squid won’t float. Take the squid out, and when you put them back in make sure to place them in slowly and gently to ensure the bend of the straw remains upright and no water gets in.

SUMMER READING EVENT

Imagination Exploration: You Can Be Anything

Have you ever wondered what it would be like to be a detective, a prospector or a rock climber? Step into a world of possibilities and let your imagination run wild!

Koelbel: Saturday, June 7, 10am-12pm
Smoky Hill: Sunday, June 15, 10am-12pm



Register: www.arapahoelibraries.org/events

JOIN US ONLINE

Monday, June 2
from 4:30-5:15pm

Zoom code will be sent to
registrants via email 30
minutes prior to event

QUESTIONS?

Call 303-LIBRARY (542-7279)

or email

awilley@arapahoelibraries.org
ahaines@arapahoelibraries.org