

What is happening?

See
Maka nānā

Think
Mana`o

Wonder
Kāhāhā



You need:

tin foil



10 or more pennies



small tub or container or large bowl half filled with water



Can you make it float?

Form your foil into something that will float on the water.

Change the form as many times as you need until it floats.

Why do you think your tin foil form will float?

Show us your foil form and tell us why you think it will float.

Time to experiment!

1. Put your bowl of water in front of you. Gather your coins.
2. Put your tin foil form in the water. Did it float?
Try again with another form until it floats.
3. Add 3 pennies to your tin foil boat. Does it still float?
If not change the tin foil form until you can make it float with the pennies in it.
4. Keep adding pennies. How many pennies did your tin foil hold before sinking?



SINK



FLOAT



Can you make it sink?

Take all the pennies out of the tin foil shape.

This time, can you make your tin foil shape **sink**?

Talk with each other about how we might make it sink.
Why do some things sink?



Show us your foil now.
Tell us about how you were able to make your tin foil sink.
Why did it sink?