Here is a script of how the experiment goes:

* "We will make do strawberry smoothie, but will make it with soapy water, so you can't drink it because it'll taste yuckie”
* “First we need to **put the 3 strawberries in the bag**, take all the air out of it, zip it, and **squish** squish squish until the strawberries are all squished". *[they do this]*
* "now, we need to **add some soapy water**” *[add water: 3 tablespoons, but really you don’t need to measure it]*
* “now, zip it again, making sure you don’t trap air, and you **squish some more**” *[instructor: if the juice looks too thick, and a little more water]*
* "now we need to **filter it**. Do you drink OJ? How do you like your OJ, with pulp or without? Well, for people who don’t like the pulp, the OJ factory filters the chunks out. We will do the same with our strawberry juice"
* “To filter our juice, we first need to **build a filter**. To do this, grab a cup, a square of cheesecloth, and an elastic band” *(instructor illustrates with hers).*
* “now, we **pour the juice**” *[As kids do this and wait for it to filter, you can ask them for other examples of filters, of things that catch big things and let littler things go by. Some examples include coffee, a fish net, a spider's web]*
* If it takes too long for the juice to filter, just tell them “**you can use the finger to stir”**.
* ‘now, you have strawberry juice without pulp. Inside of it there is DNA. Before we can find it, we nee to **throw away the pulp**. As you do that, be careful for the pulp not to fall in the cup”
* ‘Now we will **put alcohol** in the juice. Just like eggs harden when you boil them, DNA hardens when we put alcohol, and that will make it easier for us to see it. You want to pour the alcohol slowly in the cup without making a splash” *(instructor illustrates in her kit, pouring 1/5 a cup of alcohol slowly with the cup tilted, as if you were pouring beer)*
* ‘now, you will see a white gooey stuff, that’s DNA, that’s what your mom and your dad gave to you which makes you look like them’
* ‘now you can **use a stick or straw to pick up the DNA**, and put it in a ziplock bag, take it home, and show your mom’
* The end!