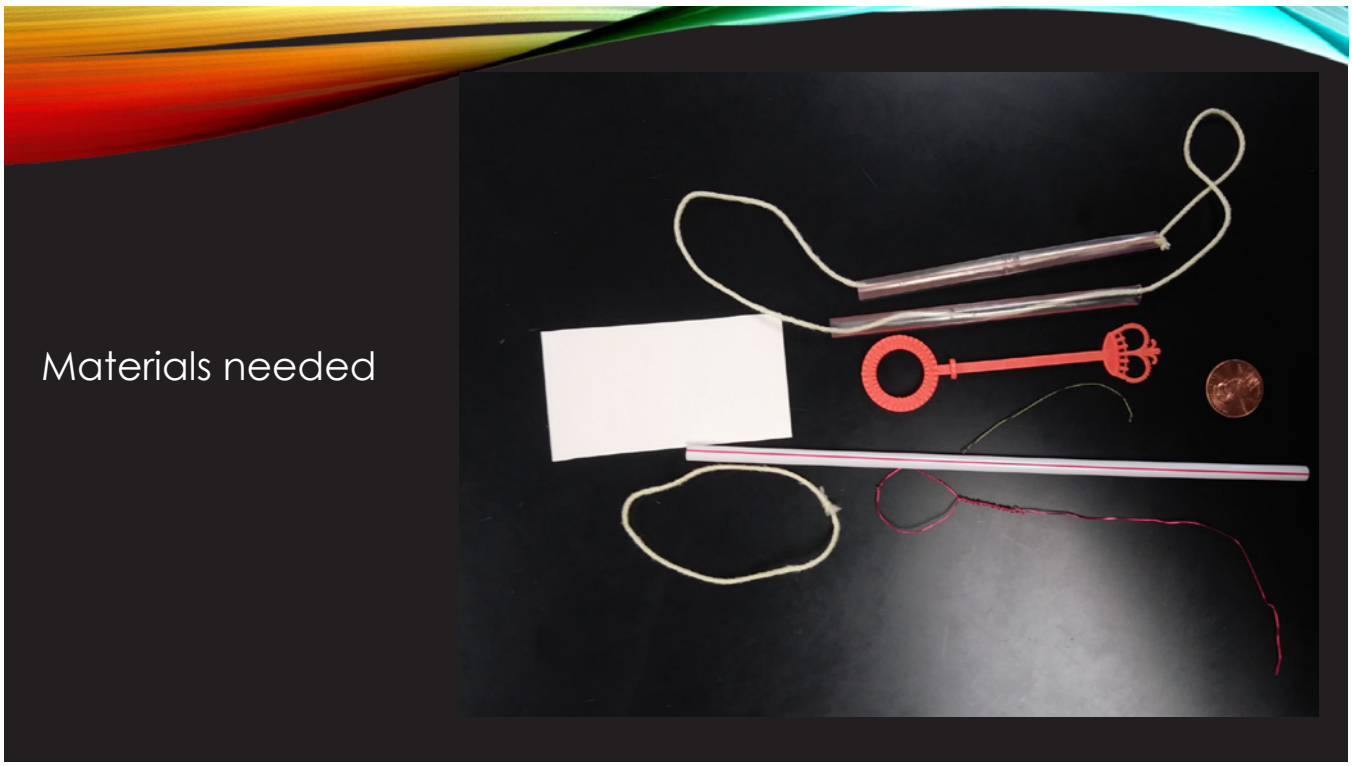
Lesson 4 Slide Presentation:

Mighty Microbes Lab

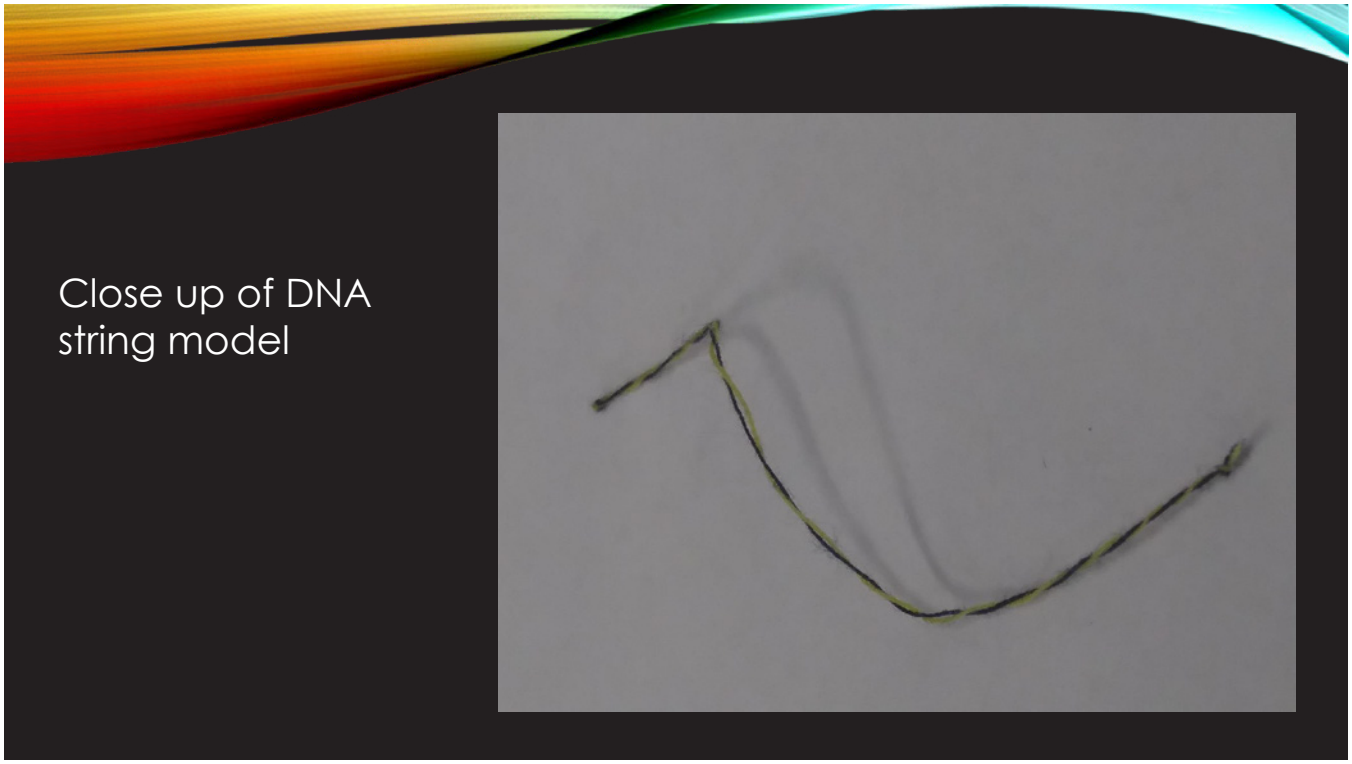
Slide 1

Slide 2

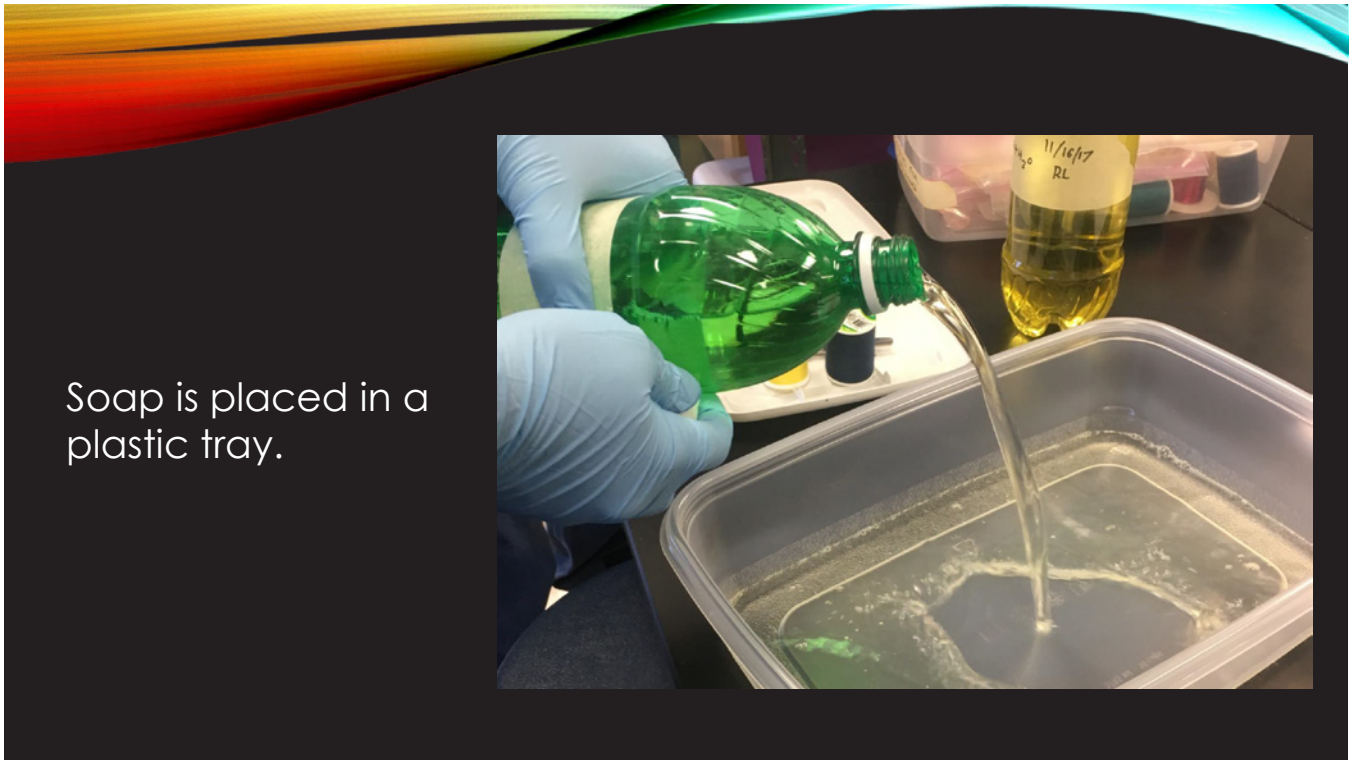
Slide 3



Slide 4

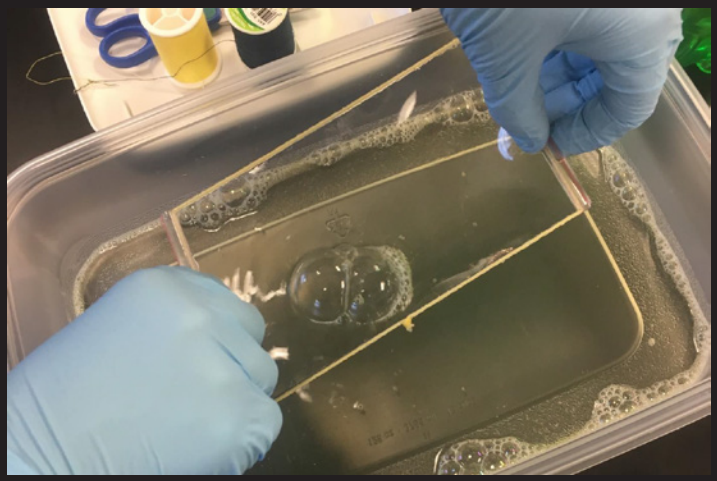


Slide 5

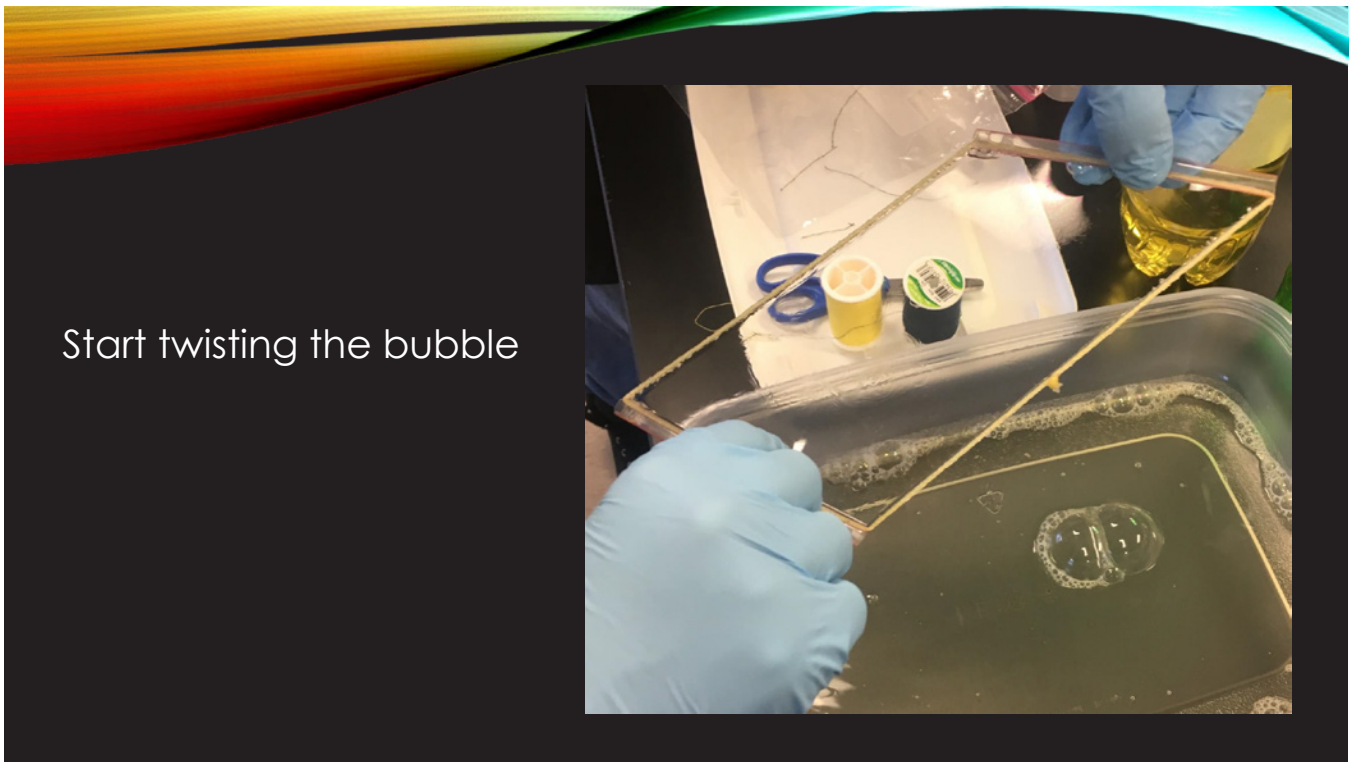


Slide 6

The bubble maker, composed of two short straws and a loop of string which forms an enclosed rectangle, is placed in the plastic tray of soap. When pulled up it forms a bubble which can be easily manipulated.

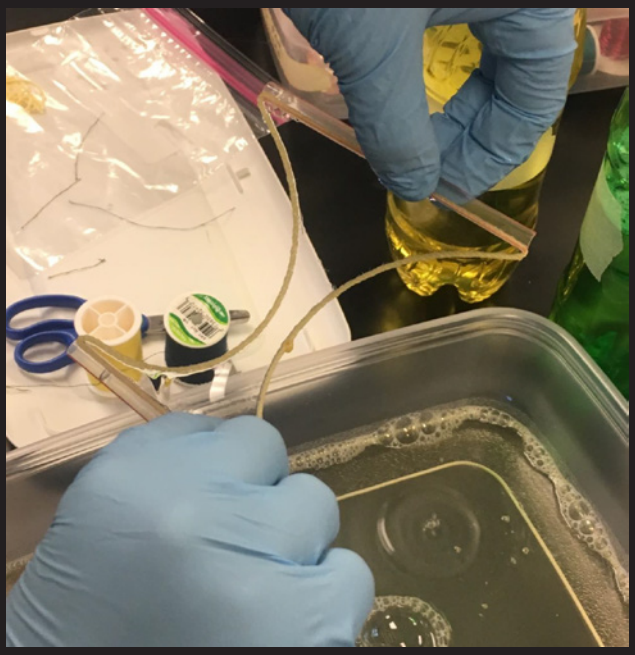


Slide 7



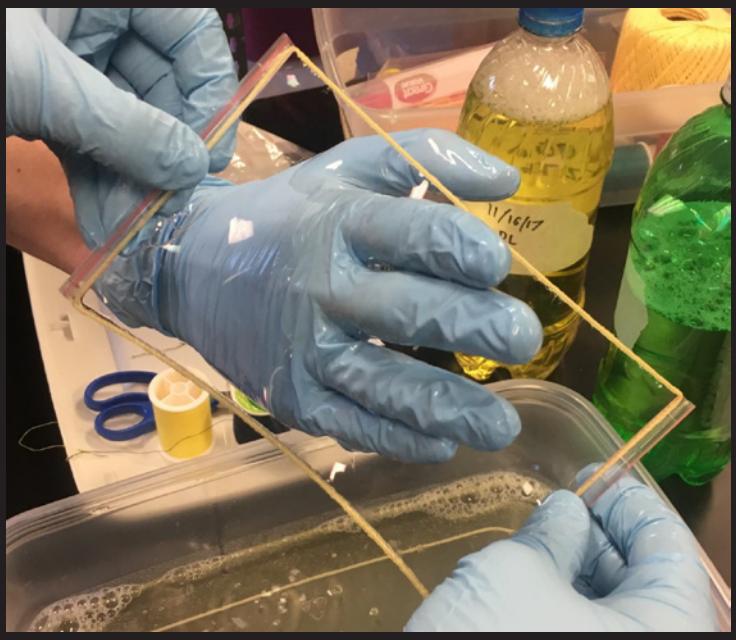
Slide 8

The bubble is formed into an hourglass shape.



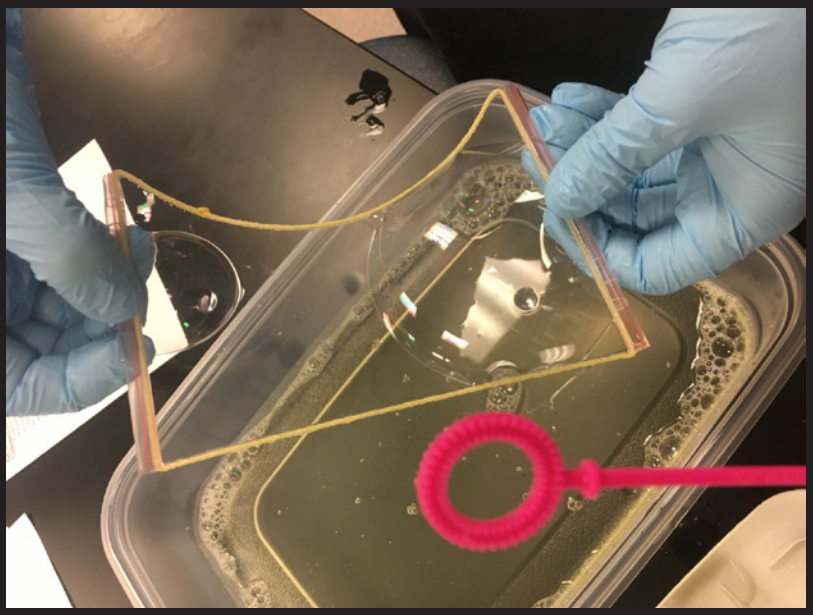
Slide 9

Place a hand into the soap solution, then push through the membrane

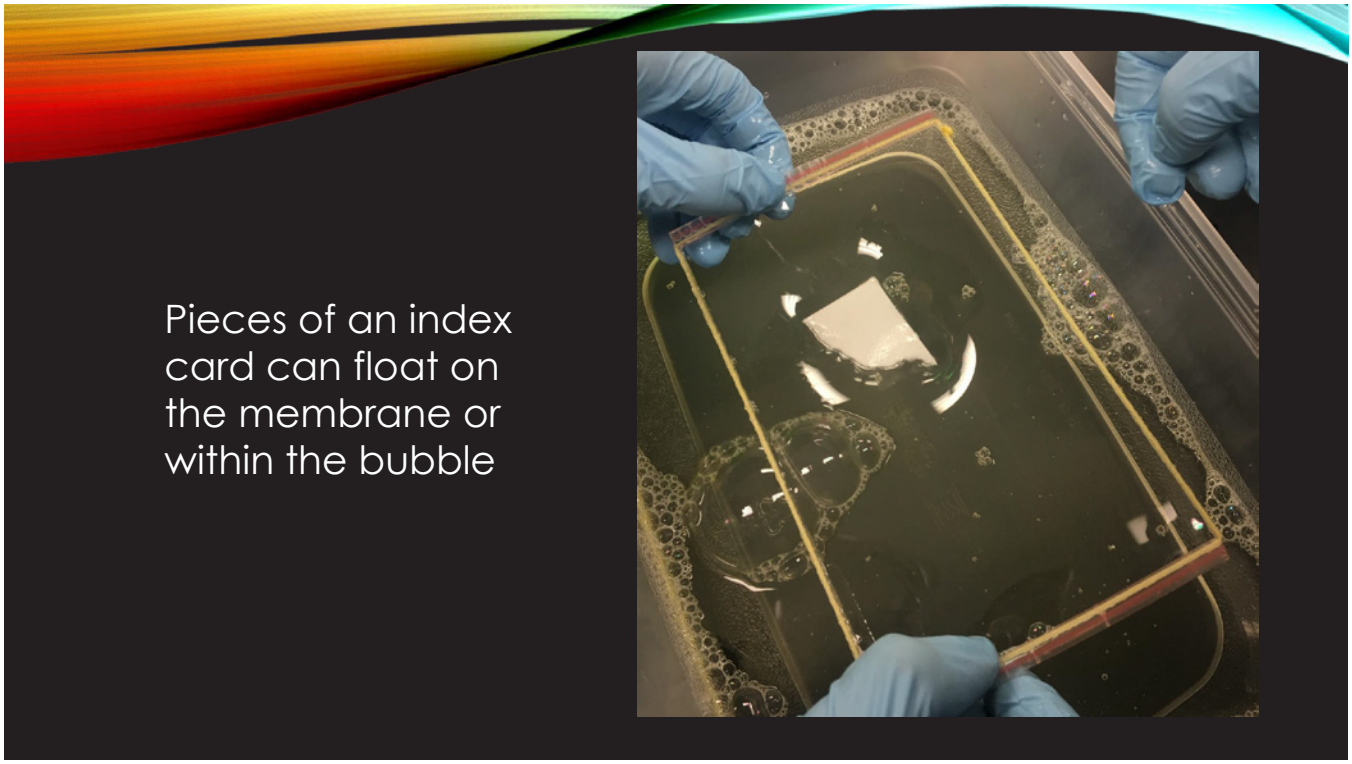


Slide 10

Blow at least one bubble onto the membrane without popping the membrane



Slide 11


Pieces of an index card can float on the membrane or within the bubble

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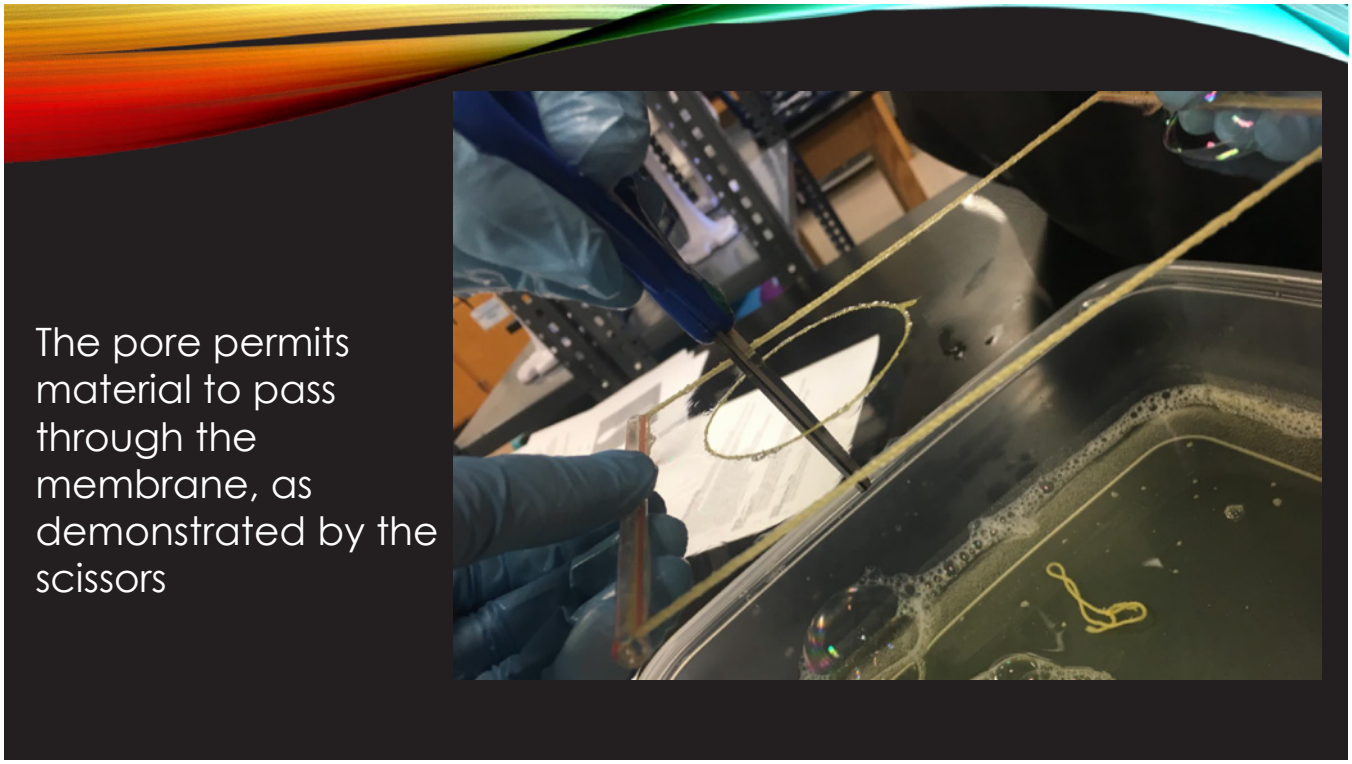
The pore permits material to pass through the membrane, as demonstrated by the scissors

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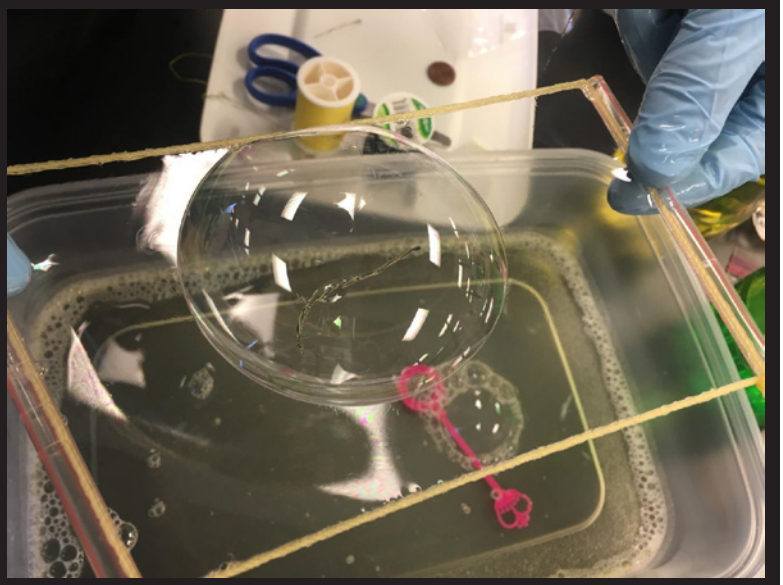
Bubbles are placed on the membrane; one encloses the DNA string model



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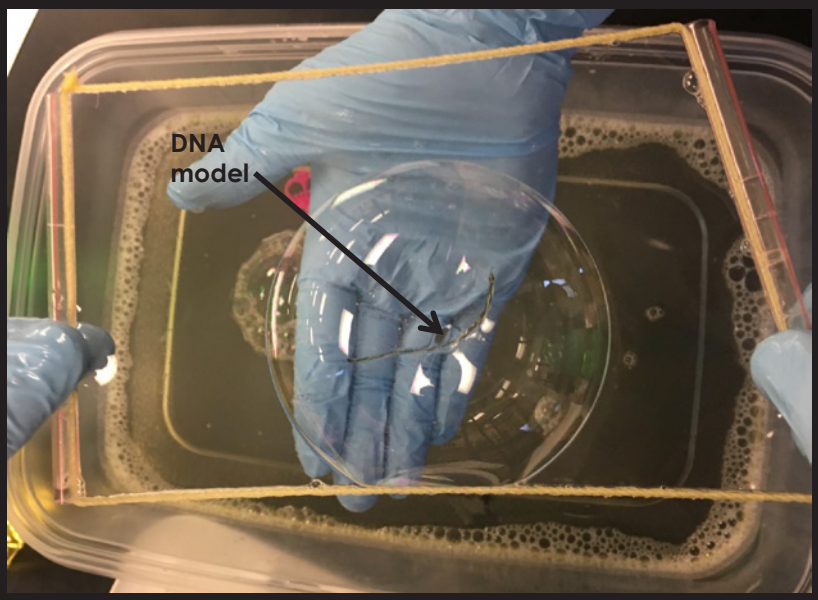
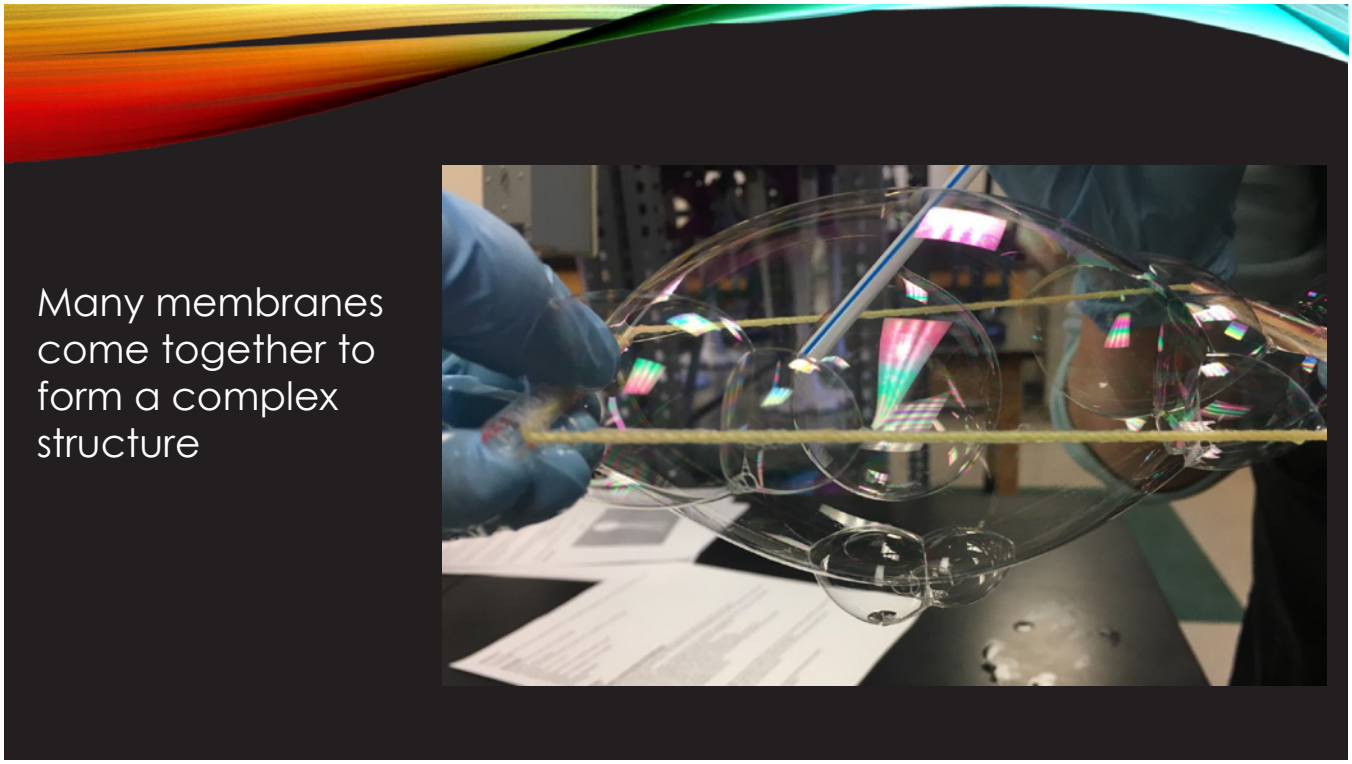
The DNA string model can be seen enclosed within the bubble



Slide 16



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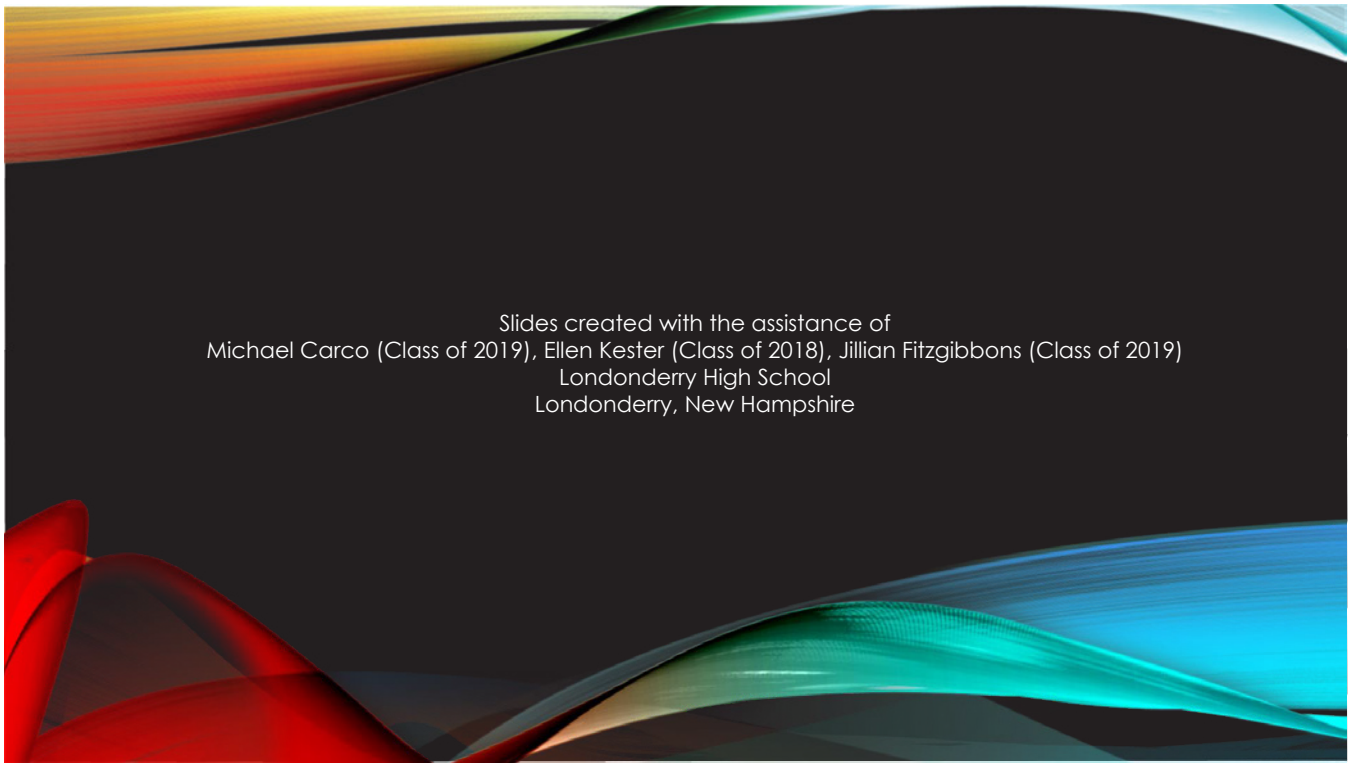
Slides created with the assistance of
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