HOW CAN WE MAKE THE TEXTURE JUST RIGHT?

Your challenge is to find the best combinations of polymers to create a hair styling wax or lip balm.

1. MAKE YOUR SAMPLE

Your teacher will give you one formula to make from the table below:

	BEESWAX (g)	VEGETABLE OIL (g)
A	90	10
B	70	30
C	50	50
D	30	70
E	10	90

Don't tell other students which formula you are making!

2. ORGANISE YOUR SAMPLES

In your group, lay out your samples from 'thinnest' to 'thickest' and write down who made each one in the top row:

THINNEST	→	→	→	THICKEST
Names				
Formula				

3. REVEAL YOUR FORMULAE

Now share which formula you made with the other pairs in your group. Write their letters in the bottom row of the table above.

Does the order match what you expect, based on the ratio of wax and oil in each one?