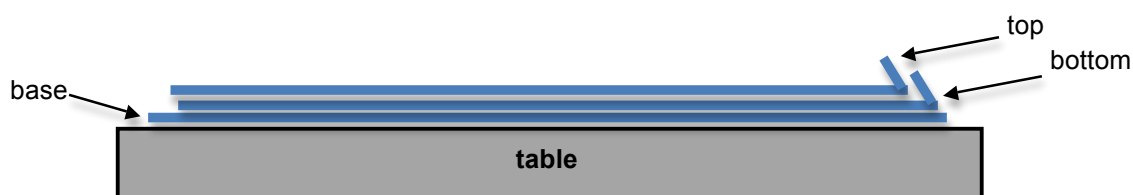


Chemistry - Unit 6 Sticky Tape Activity

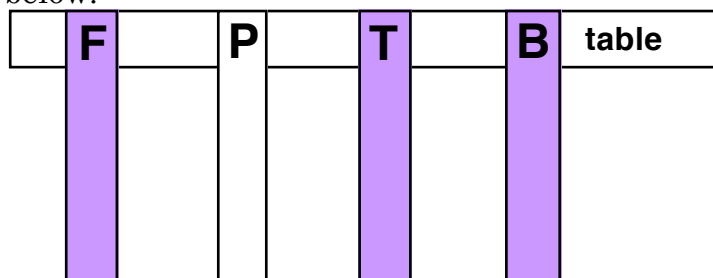
Part 1 – Preparing the tapes - examining their behavior

Place a 15 cm piece of transparent tape on the table; this *base tape* serves to keep the bottom tape clean and remains on the table. Two more pieces of tape are placed on the base tape (see figure below). In the same way, prepare a second set of tapes.

The top-bottom pair is removed *slowly* from the base tape, then grounded by gently rubbing one's finger down the length of the top tape. Once each pair of tapes appears to behave like an uncharged piece of tape, the top and bottom tapes are separated *quickly*.



Attach the strips (foil, paper, top and bottom) to the edge of the table; this will enable you to bring the other tapes and strips near in order to test for the presence and magnitude of electrical interactions between all combinations. See the figure below.



Record your findings in the table below.

	Top	Bottom	Foil	Paper
Top				
Bottom				
Foil				
Paper				