Sticky Tape Activity Lab Worksheet Name: \_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_

Summary Page

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| #5: Sketch with labeled force vectors for two top tapes close enough to affect each other.  | Sketch with labeled force vectors for two top tapes half as far apart as left sketch  |
| #8: Describe paper on paper interaction        | #9: Describe foil on foil interaction  |
| #13: Describe top tape and foil interaction     Diagram with forces  | Describe top tape and paper interaction     Diagram with forces            |

Thought pages:

1. Imagine you could see the differences between the top and bottom tapes at the atomic level. On the partially separated T and B tapes invent a way of representing how the tapes change as they are separated.



1. Invent a way for the paper to be attracted to both a top and a bottom tape while keeping these facts in mind. The paper is neutral and electrons can’t move away from the nucleus

 

1. Invent a way for the foil to be attracted to both a top and a bottom tape while keeping these facts in mind. The foil is neutral and each atom has a free electron that can move around

