*VSEPR: Gather together the following equipment: 7 mini marshmallows and 6 toothpicks and complete the chart.*

|  |  |  |  |
| --- | --- | --- | --- |
| **A.****Molecule (Symbol and Name)** | **B.****Lewis structure** | **C.****Build molecule, sketch, & give bond angles****\*Bond angles determined by all bonding and nonbonding electrons\*** | **D.****Geometry** **\*Determined by the atoms only\*** |
| SiO2Silicon dioxide |  |  |  |
| BCl3 |  |  |  |
| Phosphorous tribromide |  |  |  |
| NO2- |  |  |  |
| Sulfur tetrafluoride |  |  |  |
| SeF6 |  |  |  |

 **COLOR CODED KEY: Central Atom = Peripheral Atoms = Lone pairs =**