*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\*** |
| SiO2  Silicon dioxide |  |  |  |
| BCl3 |  |  |  |
| Phosphorous tribromide |  |  |  |
| NO2- |  |  |  |
| Sulfur tetrafluoride |  |  |  |
| SeF6 |  |  |  |

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