SCH Molecule Shape & Polarity Activity

Complete the Table below. Use the VSEPR chart to determine overall shape,

Use Wedges and Dashed wedges to show 3D Structural diagram. Use Arrows and the symbols for partial positive and negative charge to indicate bond polarity. For electron pairs, only indicate the number around the CENTRAL ATOM.

Formula	Name	Lewis Symbol structure	Electronegativity difference in each bond type & type (P/ NP)	Structural Diagram with dipoles (wedges/3D)	# of electron regions	# of bonding regions	# of non- bonding regions	Shape Name	Overall molecule polarity (P/NP)
H ₂									
H ₂ O									
CCl₄									
CHF ₃									
BH ₃									
SiH₄									
O ₂									
HCN									
CH₂O									