

**PHOSPHATE is  $PO_4$** 

It carries an electrical charge of -3 because it has three unhappy oxygen atoms. Oxygen always wants two bonds. One of these oxygens is lucky — it has a double bond. The others have an empty place where they need a bond.

**A PHOSPHOLIPID** is made of a phosphate group, a glycerol “hanger” and two fatty acids.

Additional fact: Carbon can form rings.

**CHOLESTEROL** is a natural body substance, very necessary for proper functioning of cells.

