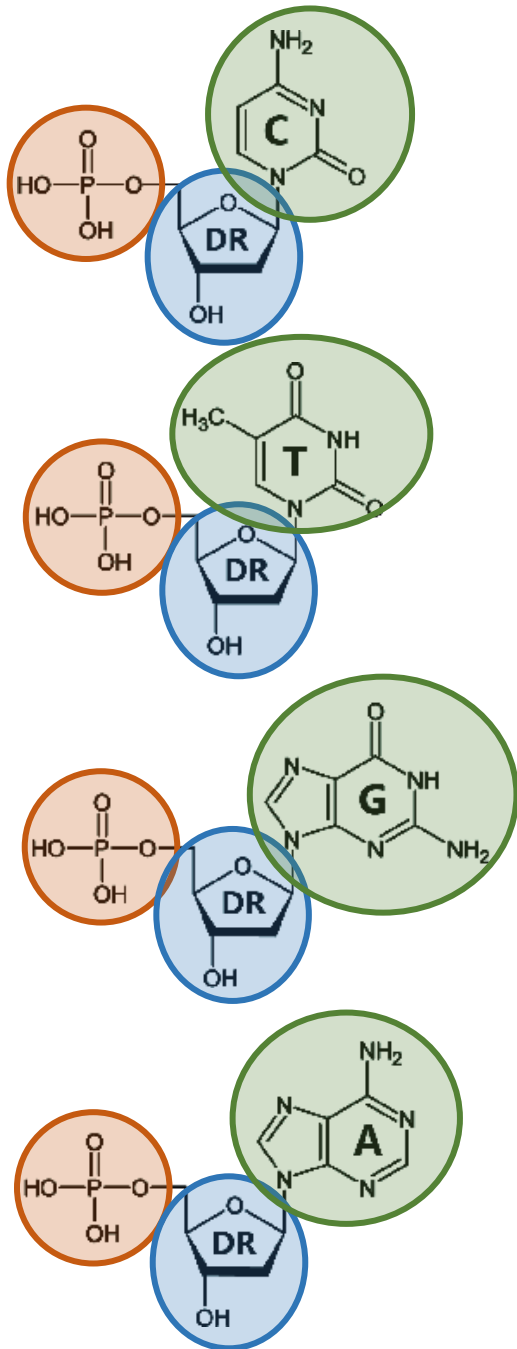


1. Draw the chemical structure of each of the nucleotides (A, C, G, T) (copy from Figure 1). Then, for each nucleotide:
  - a) Clearly identify each of the three components: nitrogenous base (green), phosphate group (orange), 5-carbon sugar (blue).



b) Label where it would connect to nucleotides that come before and after it in the same strand.

c) Label (in a different way than #2) where it would connect to its complementary base pair.

