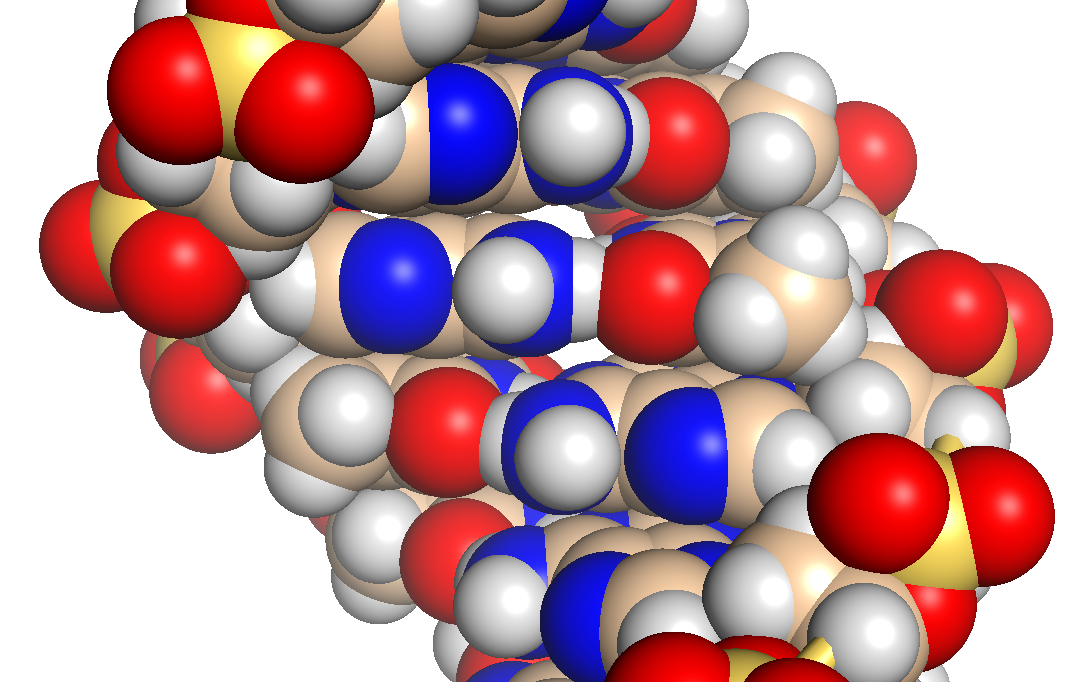
**\*\* ONLY TEXT AND IMAGES APPEARING INSIDE THE RED BOXES WILL BE GRADED\*\***

1. Draw a perfect G-quartet. Label all the atoms. Use ‘dR’ to indicate deoxyriboses

|  |
| --- |
| INSERT HERE |

1. This is a view into the major groove of B-DNA. What is the sequence of each strand? Label all nitrogen and oxygen atoms (omit the non-bridging atoms of the phosphates; P’s are yellow).  
   
2. This one is more difficult. This is a view into the minor groove of B-DNA. What is the sequence? Label all nitrogen and oxygen atoms (omit the non-bridging atoms of the phosphates; P’s are yellow).  
     
   A picture containing indoor, set, arranged, several

   Description automatically generated