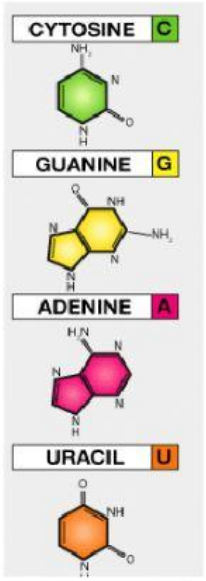
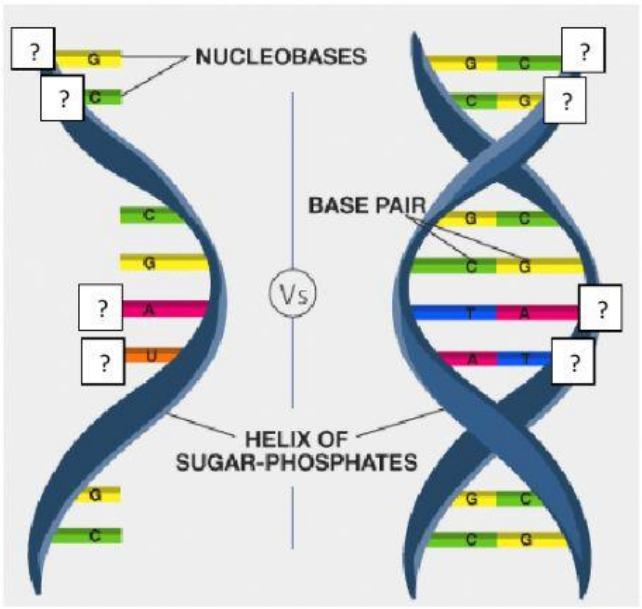
Learning Target: I can explain the similarities and differences in structure and function of DNA & RNA.

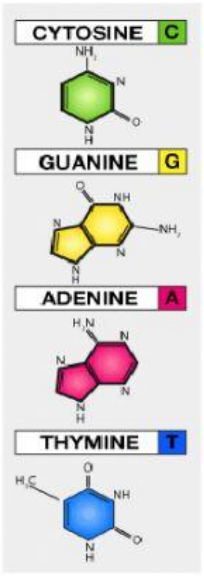
Scan the QR code to watch the video below

DNA vs. RNA Interactive Activity

Directions: Draw an arrow from the nucleotide to its correct place on the DNA or RNA molecule.







Directions: Drag and Drop the descriptions below under DNA, RNA, or Both. Make sure to start from the top and go left to right when you drag and drop.

DNA	Both	RNA

-Contains Adenine, Cytosine, Guanine **-Single stranded** **-Double stranded** **-Instructions for making proteins**

-Contains Thymine **-Contains Uracil** **-Adenine pairs with Thymine** **-Cytosine pairs with Guanine**

-Adenine pairs with Uracil **-Contains sugar Deoxyribose** **-Contains sugar Ribose** **-Ribonucleic acid**

-Deoxyribose nucleic acid **-Can leave the nucleus** **-Too large to leave nucleus**

-Built by sugar, base, phosphate backbone **-important for protein synthesis**

-Copy instructions & makes proteins **-Stores genetic information** **-Uses genetic info for protein synthesis**

Scan the QR code to take the quiz below

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