List of required DNA structures for oral quizzes:

All classes:
Phosphate group

Deoxyribose sugar

Nitrogenous bases

Adenine

Cytosine

Guanine

Thymine

Nucleotides (name the parts and show one on each side)

Double helix

Weak hydrogen bonds

Added for Honors Biology (10th grade) and Honors Genetics (11th/12th grades)

5 prime ends
3 prime ends
Purine bases

Pyrimidine bases

Anti-parallel orientation (show on both sides)

Added for Honors Genetics (11th/12th grades)

# of hydrogen bonds between A-T

# of hydrogen bonds between G-C