

BUILDING BLOCKS: NUCLEOTIDES

FRI, SEPT. 11TH

NUCLEIC ACIDS

BIG IDEAS

• FUNCTION

↳ nucleotides (monomers) participate in cell energetics and cell signaling

↳ nucleic acids (polymers) store and process

• STRUCTURE

↳ NUCLEOTIDES

↳ NUCLEIC ACIDS

- NUCLEIC ACIDS

energy (ATP, GTP)

• CELL SIGNALING (cyclic AMP, cAMP)

• INFORMATION STORAGE (DNA, RNA)

• INFORMATION PROCESSING (mRNA, tRNA, rRNA)

• METABOLISM (RIBOZYMES)

PHOSPHATES

