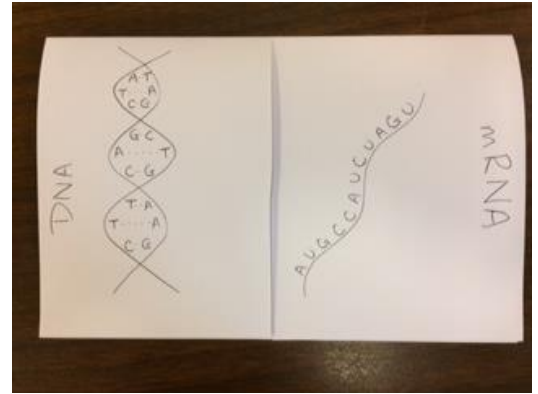


DNA vs. RNA Foldable

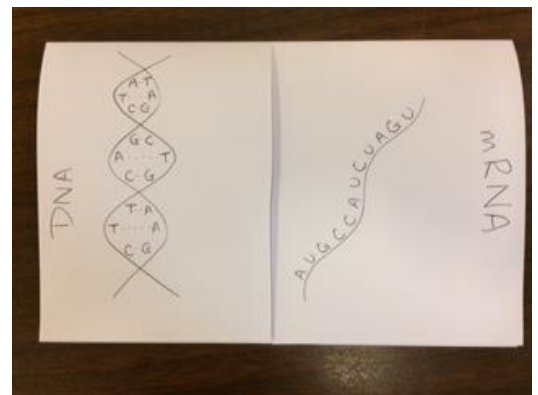
1. Fold paper in half, hamburger style.
2. Write your name on the back.
3. Cut the front fold in half to make 2 flaps.
4. On the left flap:
 - a. On the front, write "DNA" and draw picture. Include double helix and complimentary base pairs
 - b. On the back, list 6 differences from RNA
 - i. Function(s), number of strands, types of nitrogen bases, location(s) in the cell, how it's made, type of sugar in the backbone
5. On the right flap:
 - a. On the front, write "mRNA" and draw picture. Include the four nitrogenous bases.
 - b. On the back, list 6 differences from DNA
 - i. Function, number of strands, types of nitrogen bases, location(s) in the cell, how it's made, type of sugar in the backbone
6. In the center area under both flaps, show a diagram of the process of RNA synthesis (transcription)
 - a. Include DNA, RNA polymerase, the location (nucleus), mRNA product, and
 - b. an explanation for *why* the cell has to make mRNA.



If you would rather create a mini-poster, write an essay, or make some other product that shows the same information, you may.

DNA vs. RNA Foldable

1. Fold paper in half, hamburger style.
2. Write your name on the back.
3. Cut the front fold in half to make 2 flaps.
4. On the left flap:
 - a. On the front, write "DNA" and draw picture. Include double helix and complimentary base pairs
 - b. On the back, list 6 differences from RNA
 - i. Function(s), number of strands, types of nitrogen bases, location(s) in the cell, how it's made, type of sugar in the backbone
5. On the right flap:
 - a. On the front, write "mRNA" and draw picture. Include the four nitrogenous bases.
 - b. On the back, list 6 differences from DNA
 - i. Function, number of strands, types of nitrogen bases, location(s) in the cell, how it's made, type of sugar in the backbone
6. In the center area under both flaps, show a diagram of the process of RNA synthesis (transcription)
 - a. Include DNA, RNA polymerase, the location (nucleus), mRNA product, and
 - b. an explanation for *why* the cell has to make mRNA.



If you would rather create a mini-poster, write an essay, or make some other product that shows the same information, you may.