

## AP Daily 6.1 DNA and RNA Structure

1. How is genetic information stored in living organisms?
2. Genetic information is passed from parent to daughter cells by \_\_\_\_\_ which is packaged into \_\_\_\_\_
3. What molecule can some viruses use to encode genetic information?
4. Describe three similarities between DNA and RNA.
  
  
  
  
  
  
5. What are the base pairing rules for DNA? How are the base pairing rules for RNA different?
  
  
  
  
  
  
6. What is the major structural difference between purines and pyrimidines?
  
  
  
  
  
  
7. How are prokaryotic and eukaryotic genomes different? (Give at least three differences)

REMEMBER: Watch the video all the way to the end so that AP Classroom gives your credit for watching the video