**Main Ideas Title: Chromosome Basics**

Why Human DNA contains \_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_

Chromosomes? The DNA inside one of your cells is \_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_ long

How does it all DNA is wrapped up very tightly into structures we call \_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_

fit then?

How does DNA An entire DNA molecule all wrapped up is called a chromosome.

get wrapped into A chromosome is built out of \_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_:

chromosomes? \_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_

DNA + histone proteins = chromatin



Levels of

organization and

 coiling

 Prokaryotes vs. Eukaryotes



Summary