



Many cells together make tissue that perform different functions in the body.

Blood is considered tissue because it is made up of different types of cells (red blood cells, white blood cells) working together to perform a body function.

Red blood cells carry oxygen.

White blood cells protect the body against infection. They are like your soldiers protecting you.

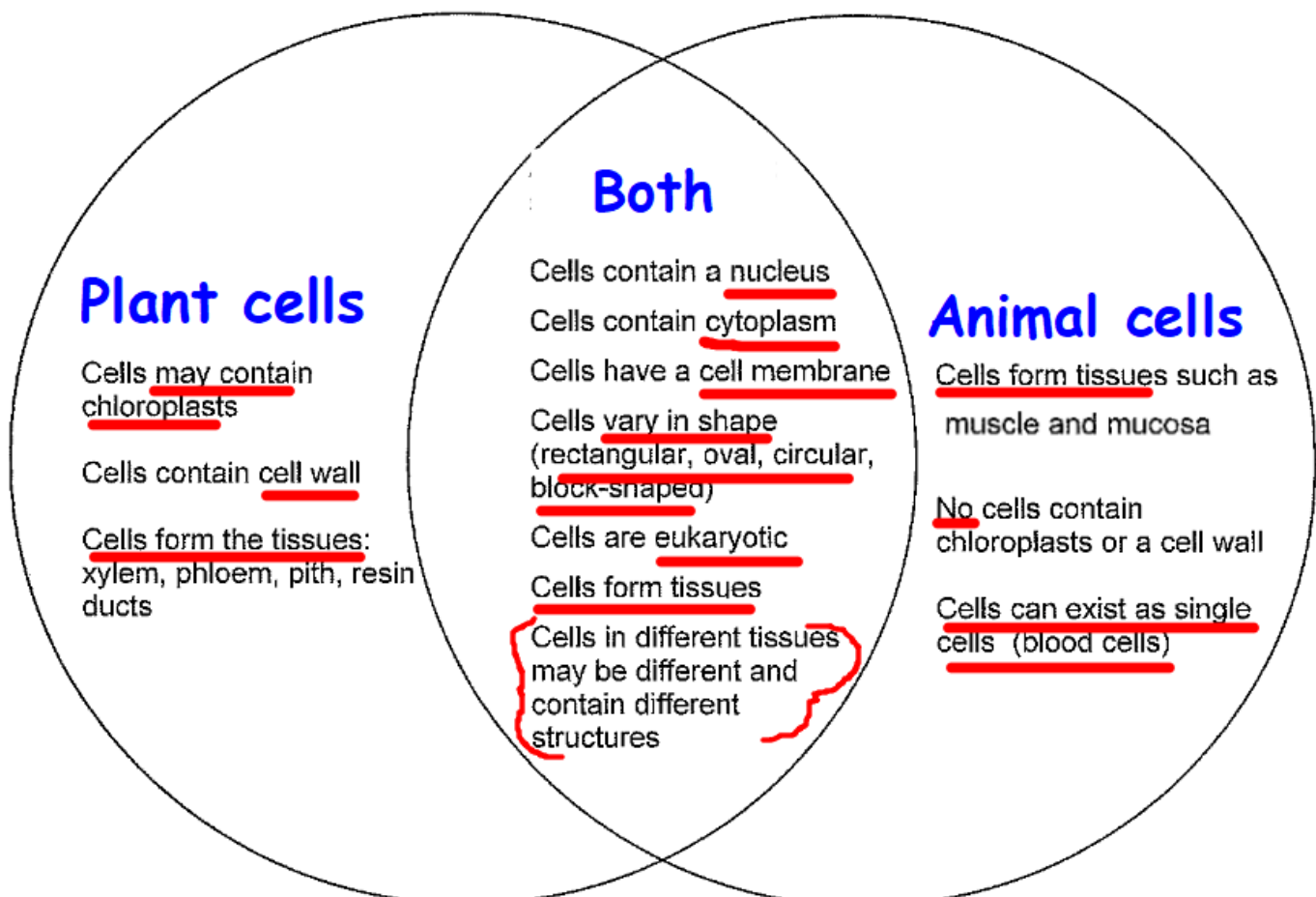
A Look at Blood Under the Microscope:

<https://www.youtube.com/watch?v=udLEKbxHK60> (5min)

Review Plant and Animal cells:

<https://www.youtube.com/watch?v=F2qhXALn-6Y> (5 min)

Please copy the below Venn diagram into your science copy books.



Next...

Please just read the below.

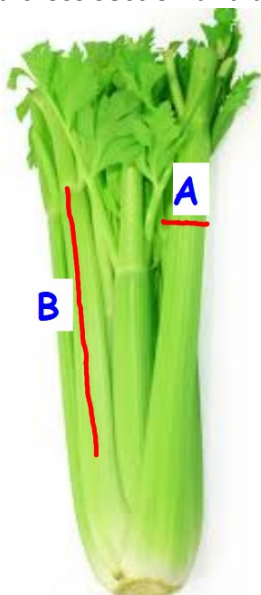
Levels of organization of living things:

cells, tissues, organs, organ systems, organisms, populations, ecosystem, and biosphere



Know the difference between a cross section and a longitudinal section.

Scientists must identify what kind of section they are looking at because a cross section and a longitudinal section look very different.



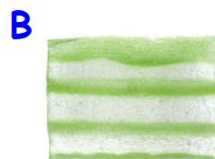
Which is a cross section?

Which is a longitudinal section?



cross section

A cross section is cut along the **short** axis.



longitudinal section

A longitudinal section is cut along the **long** axis.

