COW STOMACH ANATOMY

Chamber 1: The rumen
Breaks down the food by fermentation with billions of microbes.

Chamber 2: The reticulum
Softens the grass and forms it into cud for further chewing later.

Chamber 3: The omasum
Absorbs water and only the finest particles of the digested food.

Chamber 4: The abomasum
Breaks down the food further with enzymes and stomach acids before it passes to the small intestine to be absorbed into the bloodstream.