Motosynthesis started by least 3.6 Billion years ago most fixed curbon all 02 came from photosynthesis and most fixed curbon comes from photothesis Chemo autotraphs Autotrophs = plants photo autotrophs deep sea vents phorosynthesic Aristole = plants cat Soil to grow, leaves shade roots 1610 Helment = themist, wealthy, claimed he had a philosopher's stone he weighed soil in a pot w/ plants, measured soil after 5 years, found tree gained weight cause it grew but soil oth't cots water 177 Joseph Priestly-Ministrate Braland, pen par of Franklin, interested in air prants win pad air into good air, who was air braing with the good ook into bad air Jan Ingenhous Z-8138 Ben Franklin pen par - invented " lightningrod, Plants w/ or light make bad air good MARKADORIER Plants at night would such all 0 2 out 1781sh Lavoisier - Chemist, got his head chopped of Juilus von Sachs - Plans Store (cupor costare) 1464 18 83 to Theodi Engel mann - animal + Plant phisiologist which lights apporoplasts like (not green, like Bure/ pur pu + red lorarique) Bioassay-using bateria to draw conclusions in an exp Action Spectrum- which light color action happens unau absorption Spectrum-

pigment-something that cubsorbs light

## **Scanned by CamScanner**