

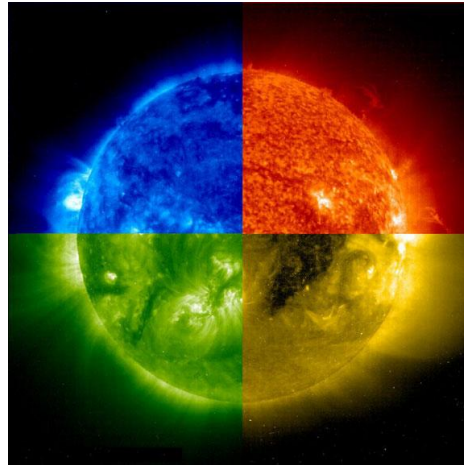
WHY ARE PLANTS GREEN?



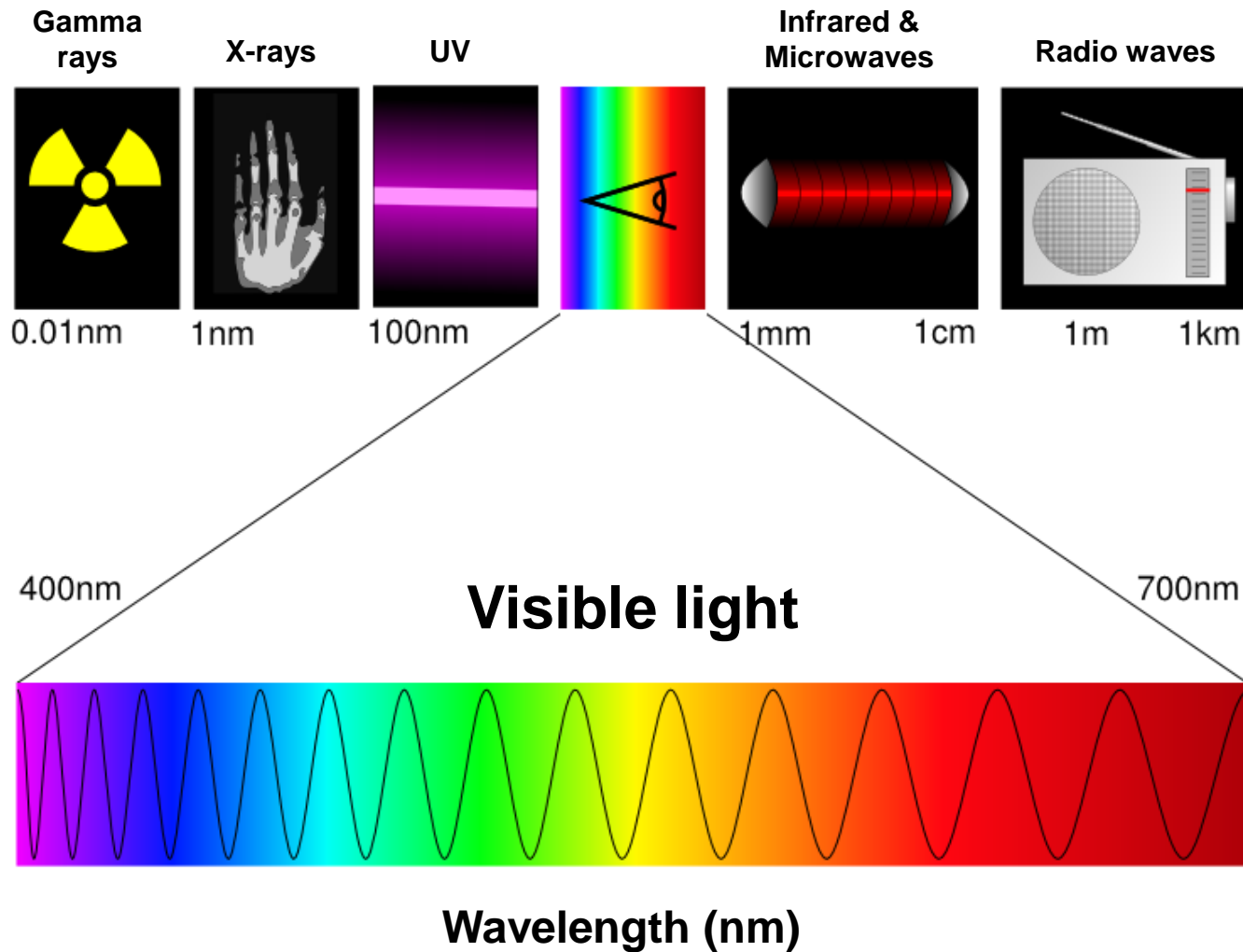
It's not that easy bein' green
Having to spend each day the color of the leaves
When I think it could be nicer being red or yellow or gold
Or something much more colorful like that...

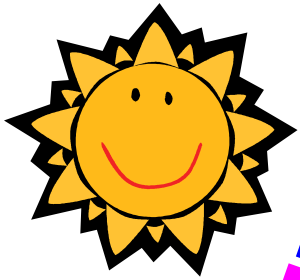
Kermit the Frog

THE SUN: MAIN SOURCE OF ENERGY FOR LIFE ON EARTH



Electromagnetic Spectrum and Visible Light





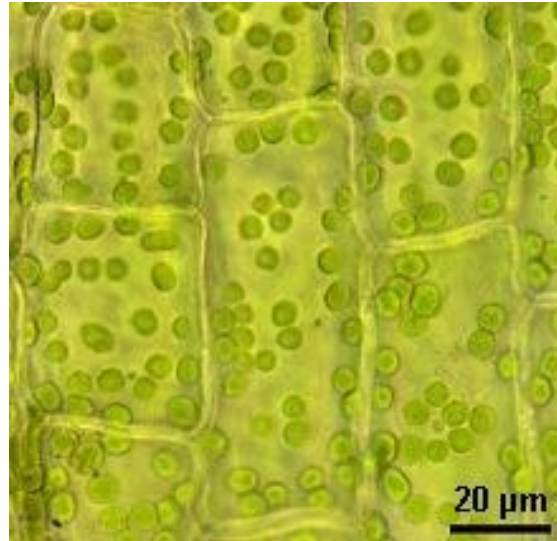
Why are plants green?



Reflected light

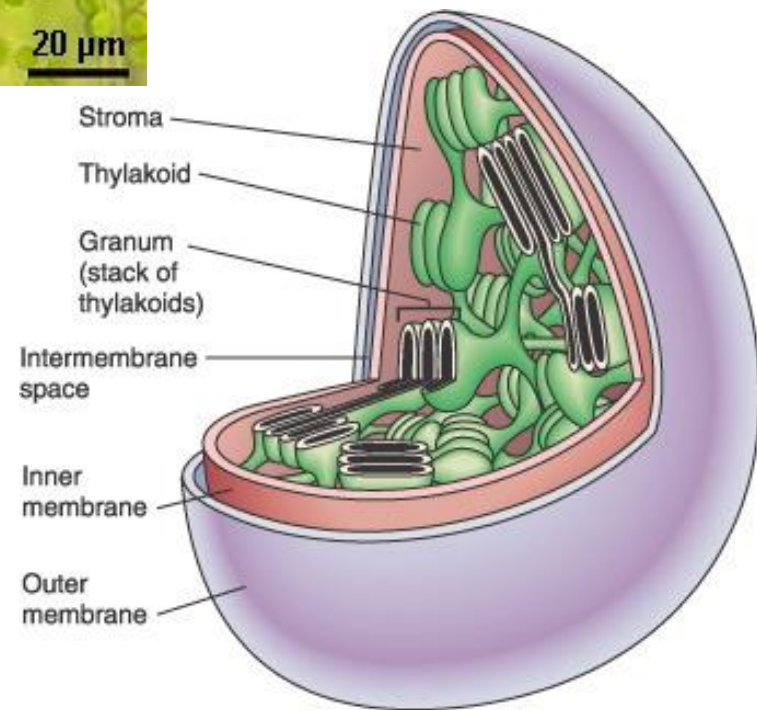
Transmitted light

WHY ARE PLANTS GREEN?

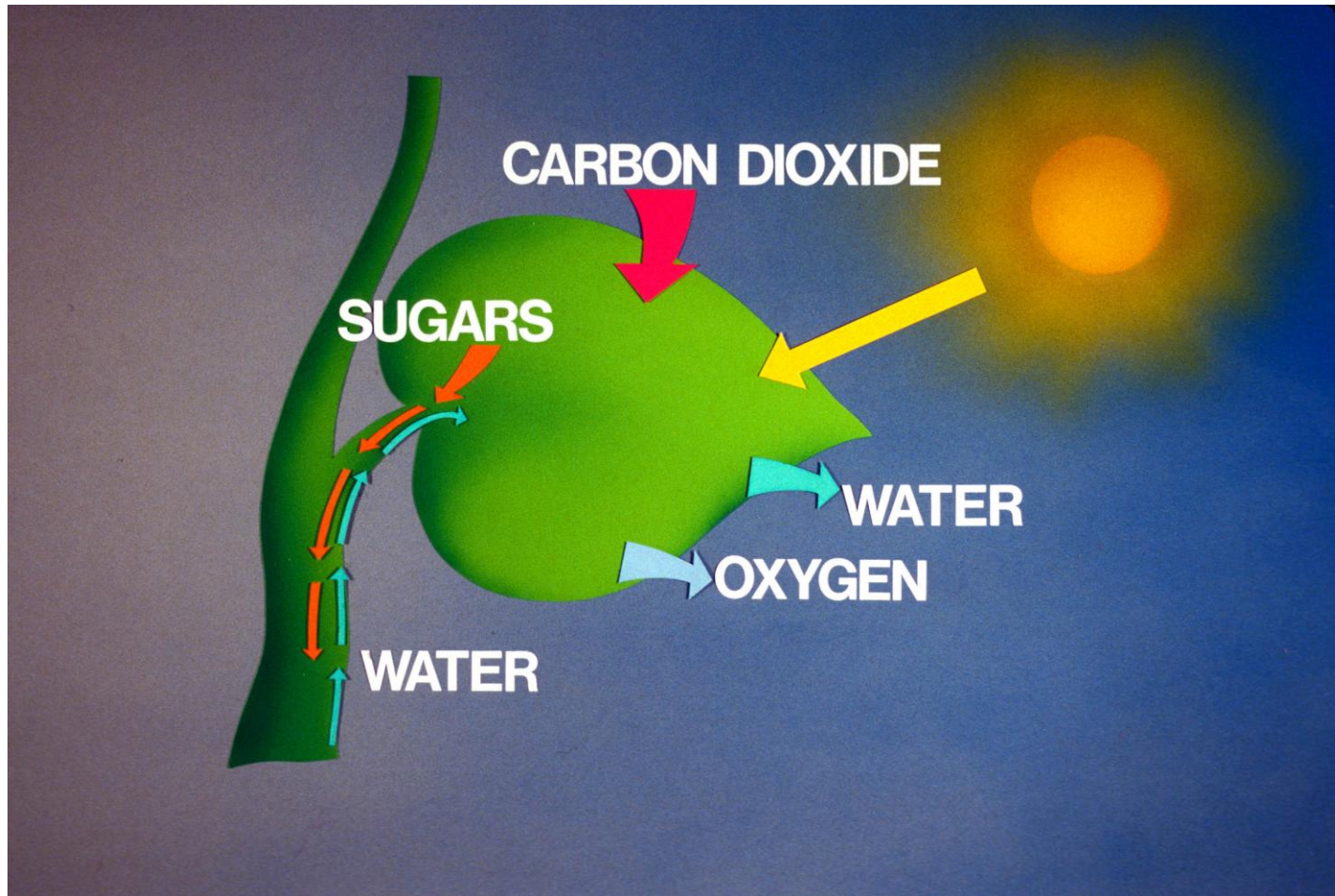


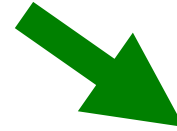
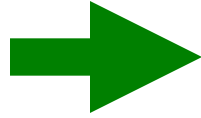
Chloroplast
contain
green
pigment,
such as
chlorophylls

Plant Cells
have **Green
Chloroplasts**



Light Energy Harvested by Plants





Food Chain