

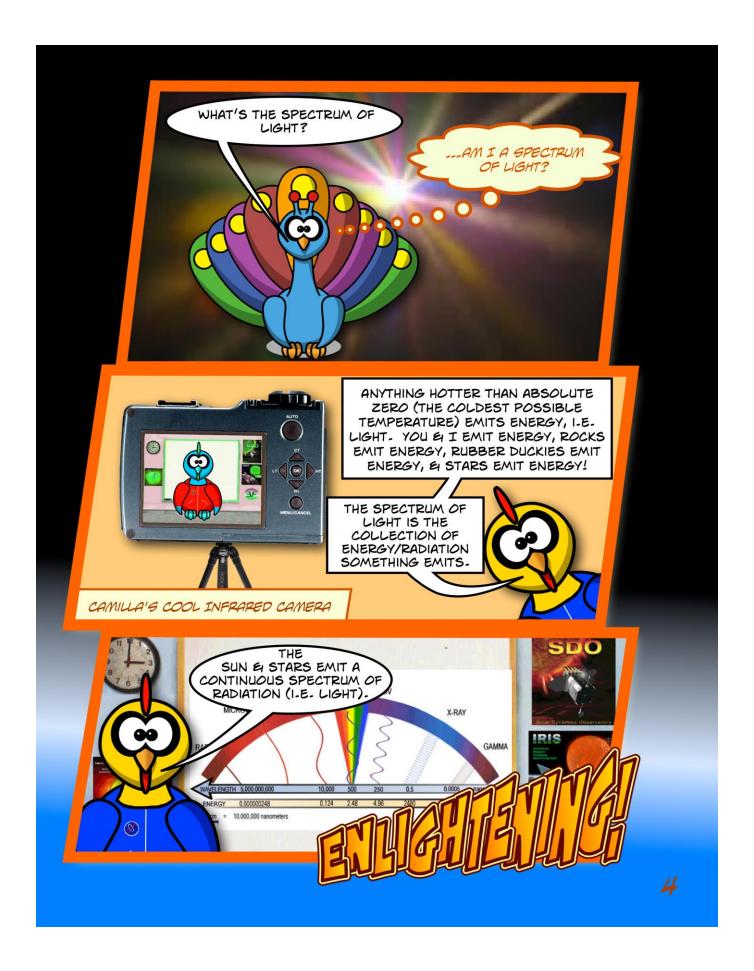


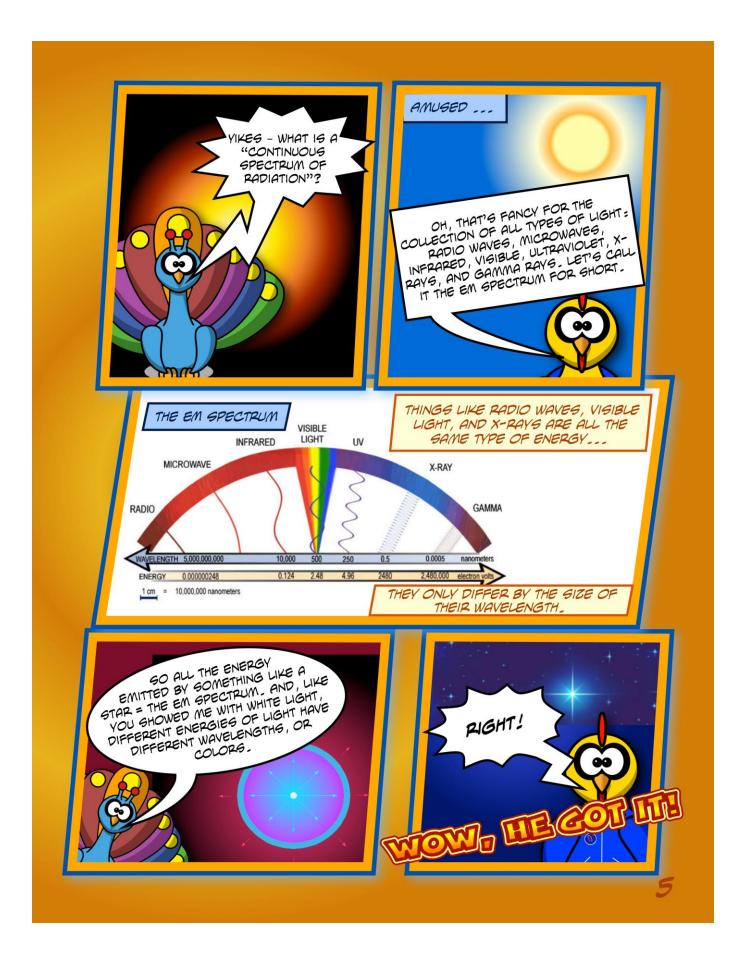


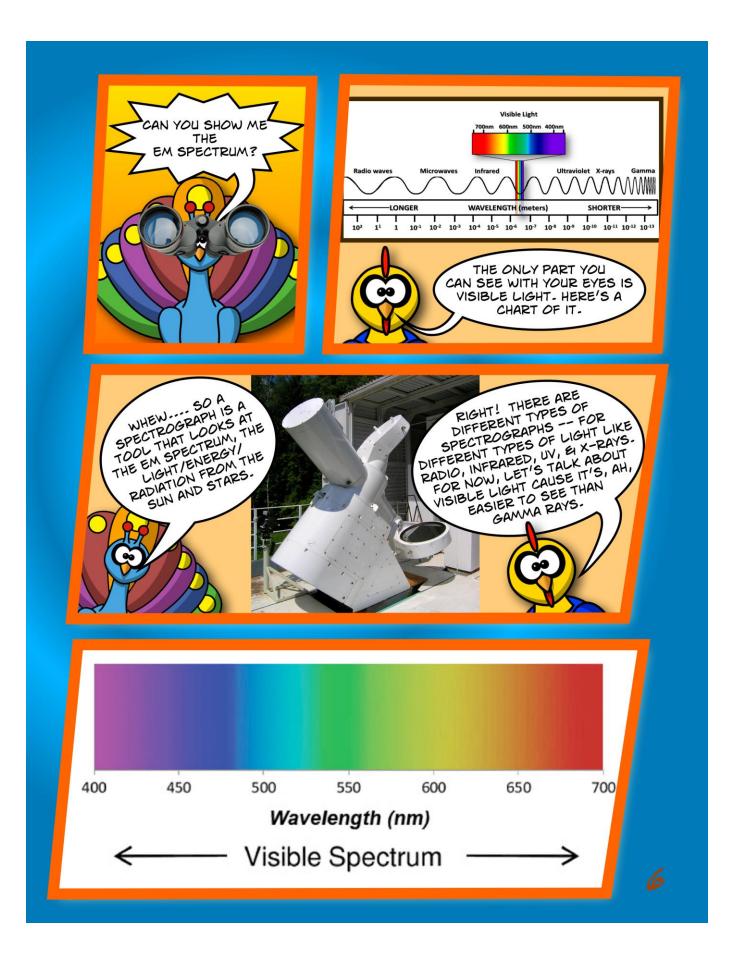


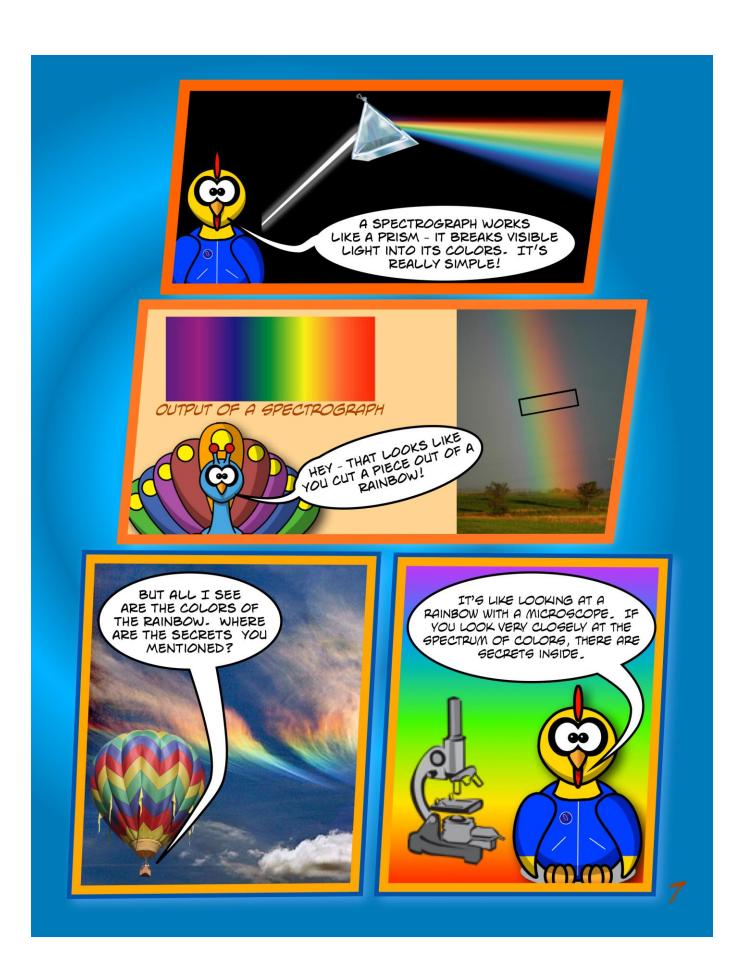
GOOD QUESTIONS! THIS IS WHERE THE SPECTROGRAPH COMES IN. IT'S ACTUALLY A SIMPLE TOOL TO STUDY THE "INSIDE" OF LIGHT. THINK OF IT AS A WAY TO LOOK AT THE SPECTRUM OF LIGHT.

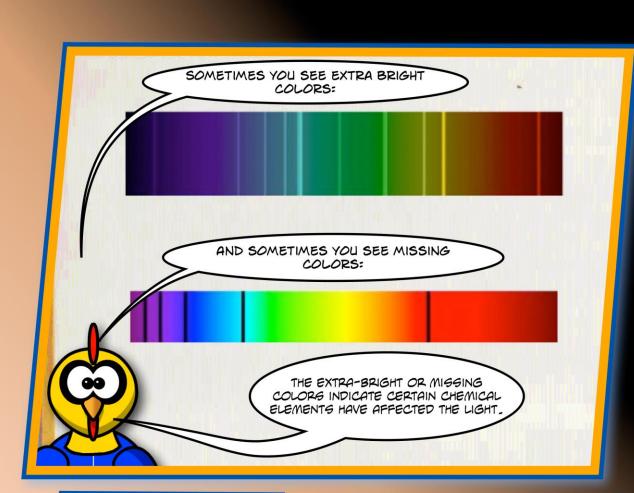


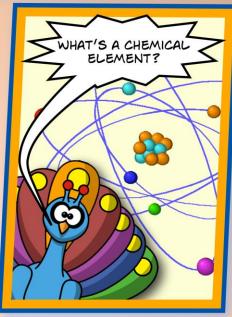


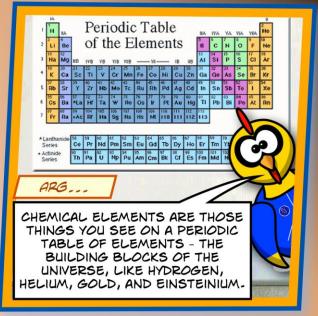








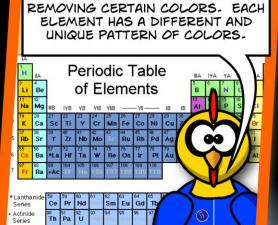






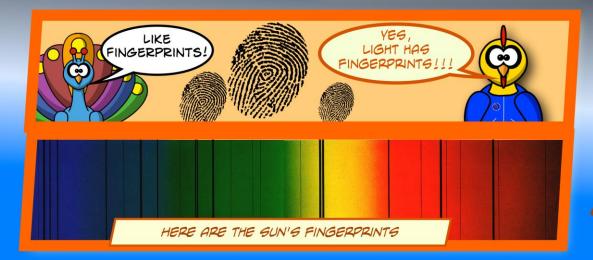


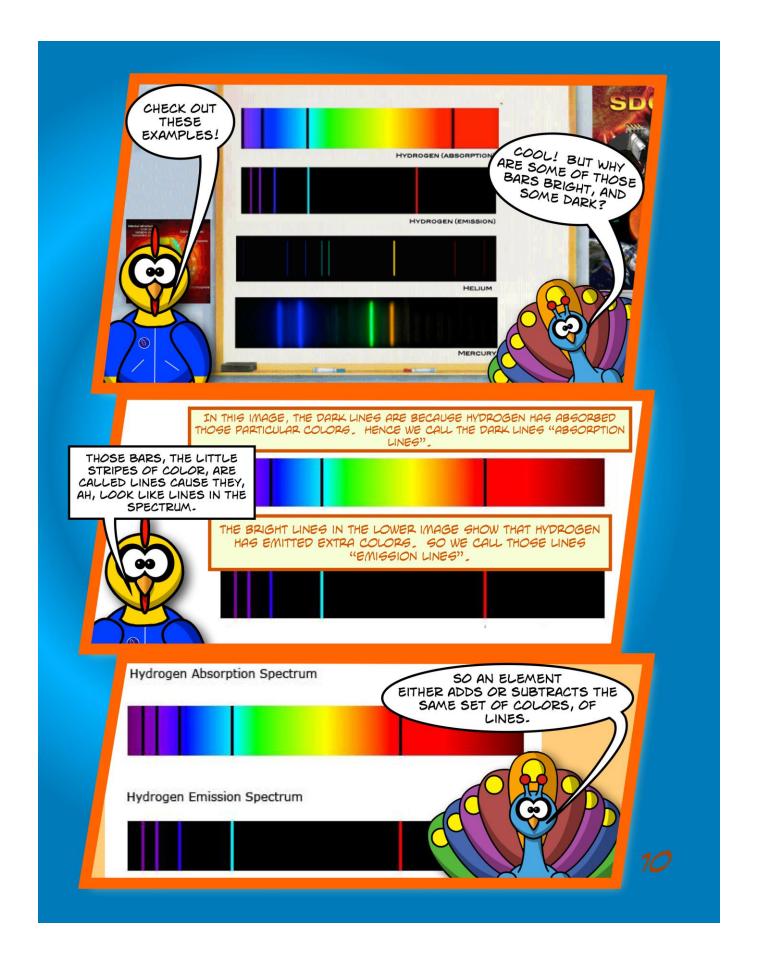


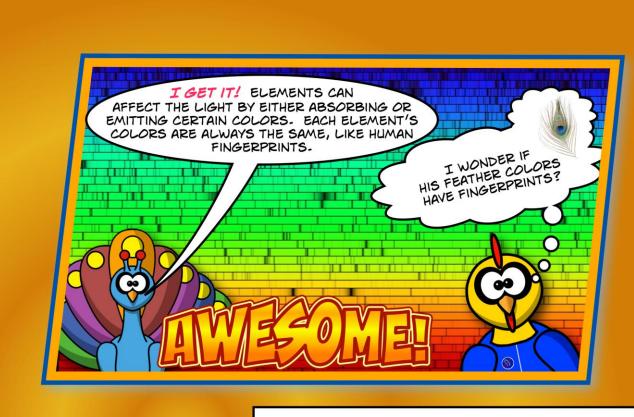


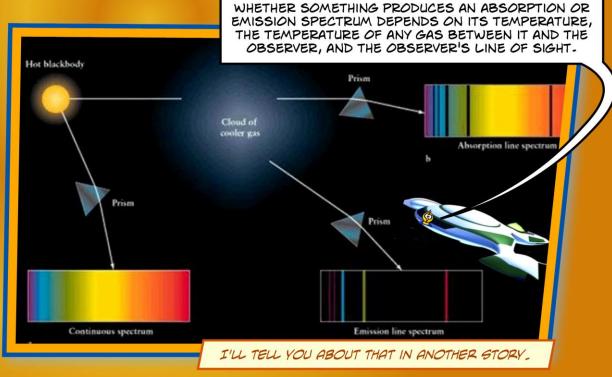
EACH CHEMICAL ELEMENT CHANGES THE SPECTRUM EITHER BY MAKING

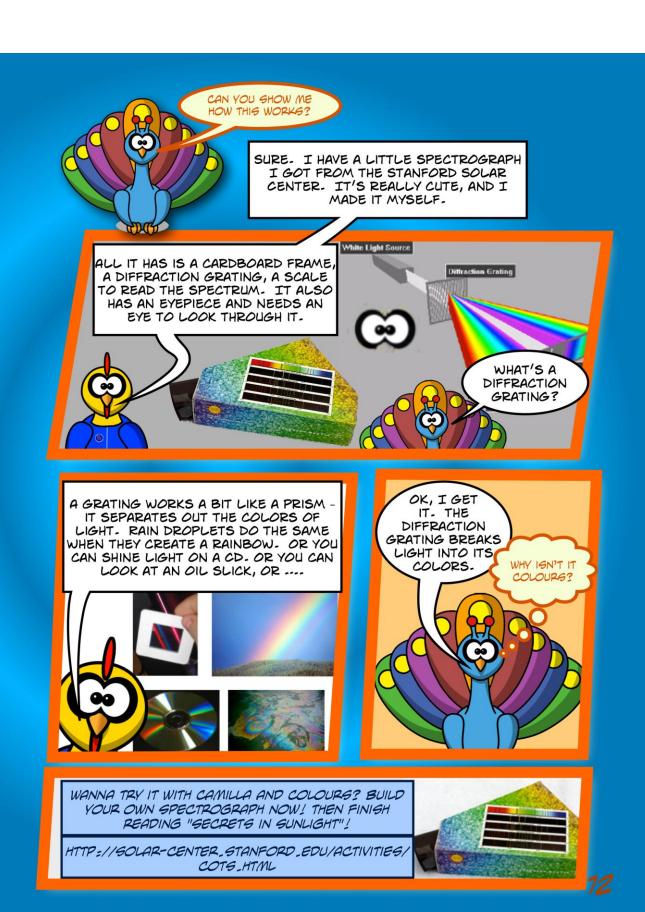
CERTAIN COLORS BRIGHTER OR

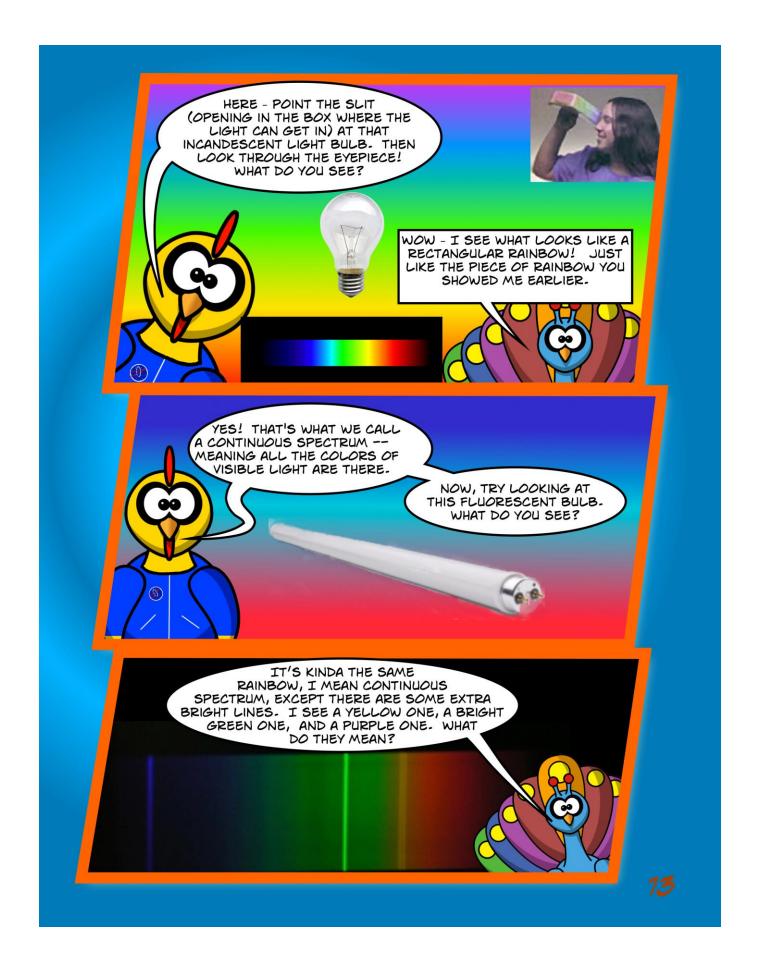




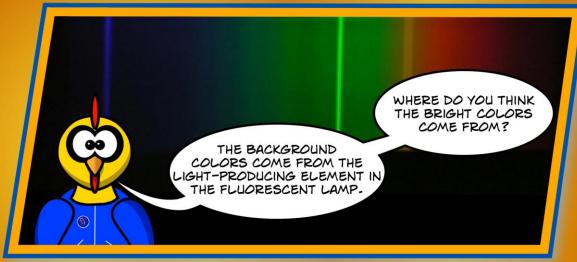






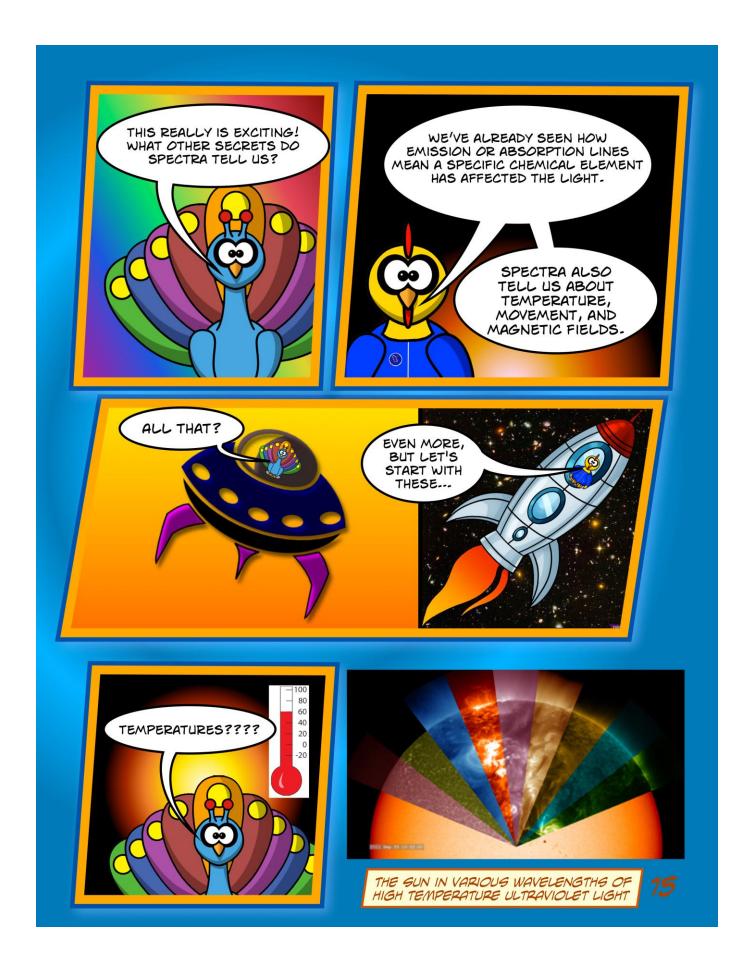


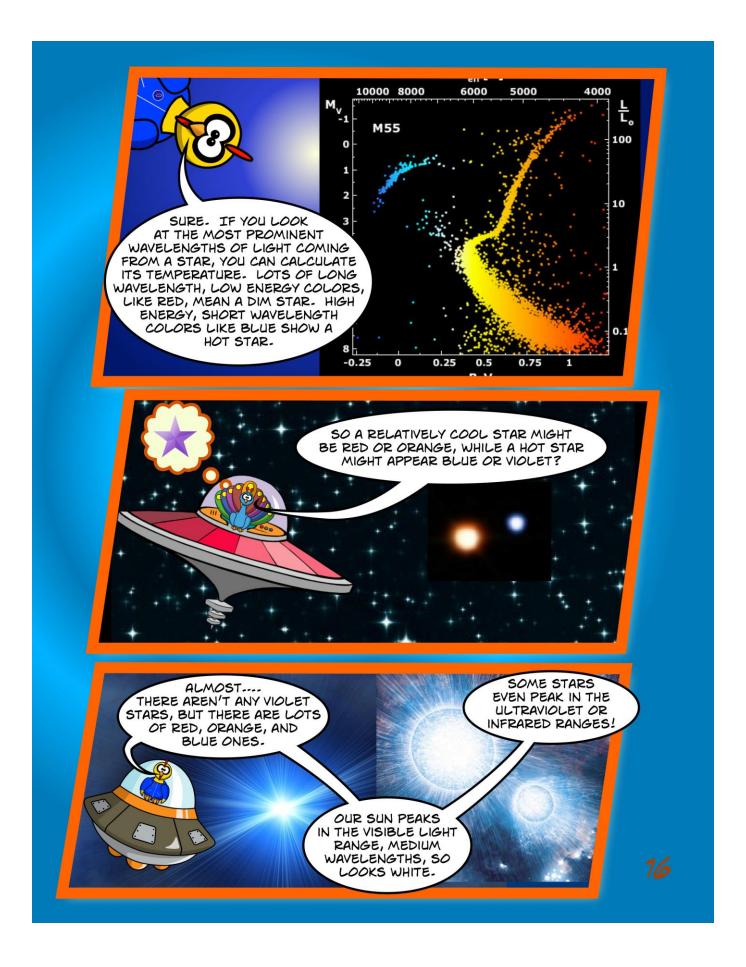




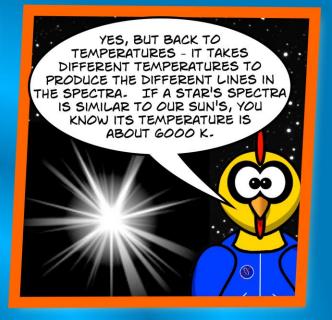








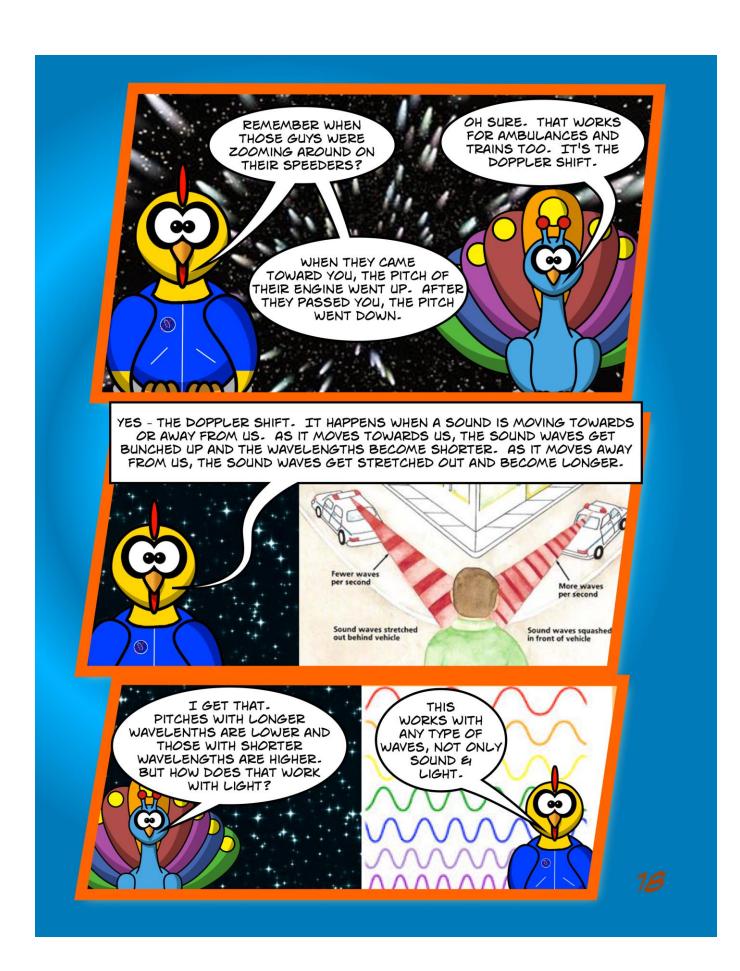


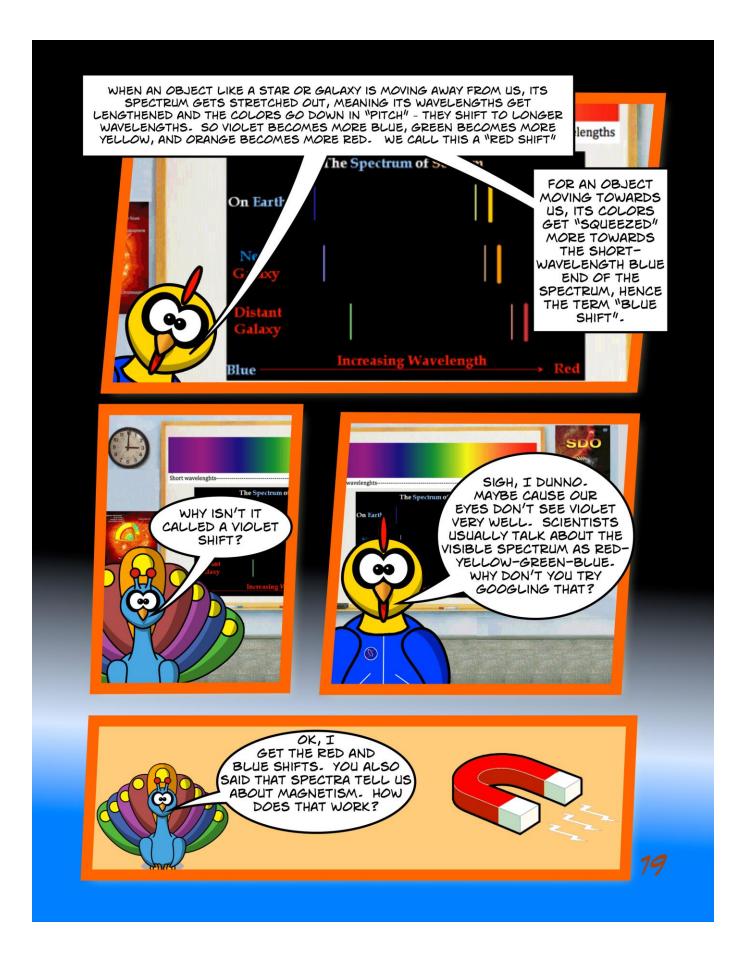


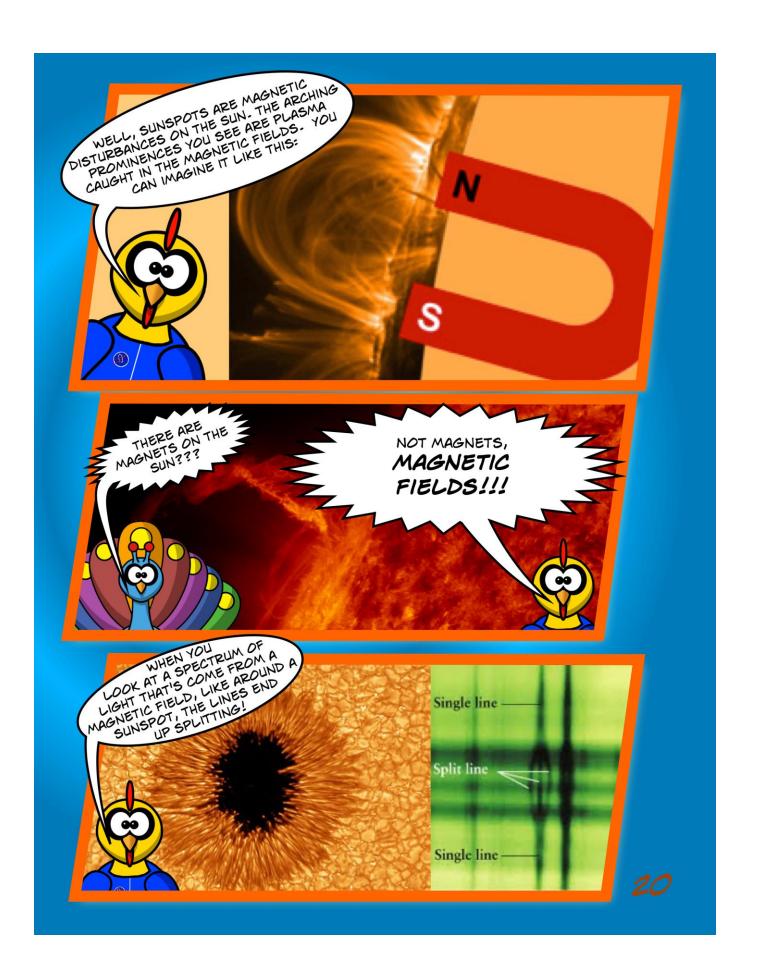


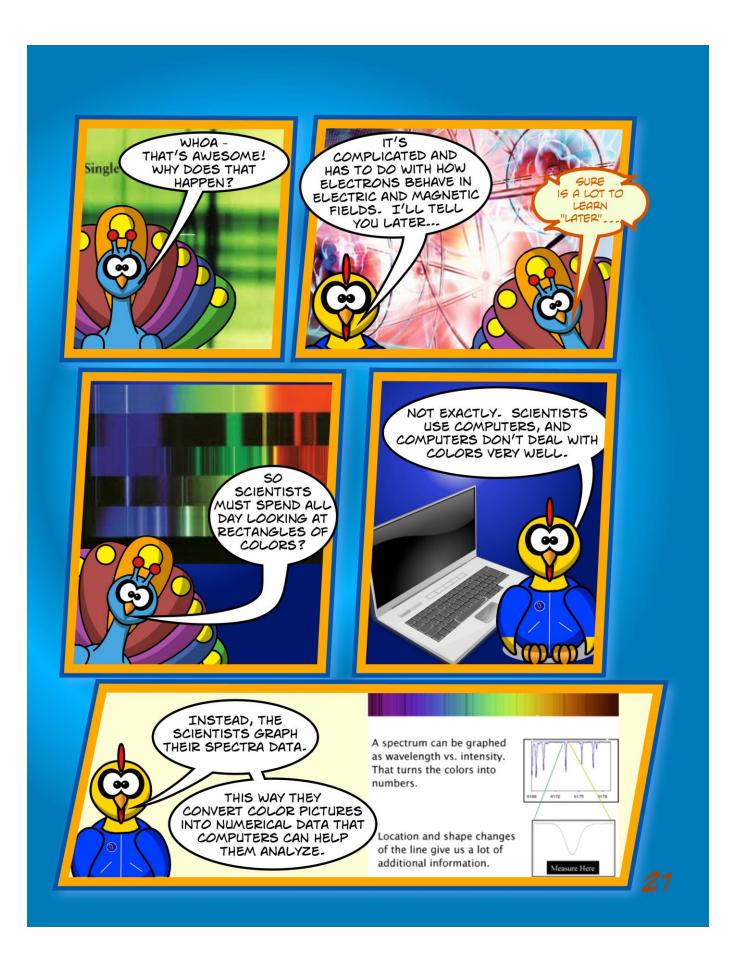


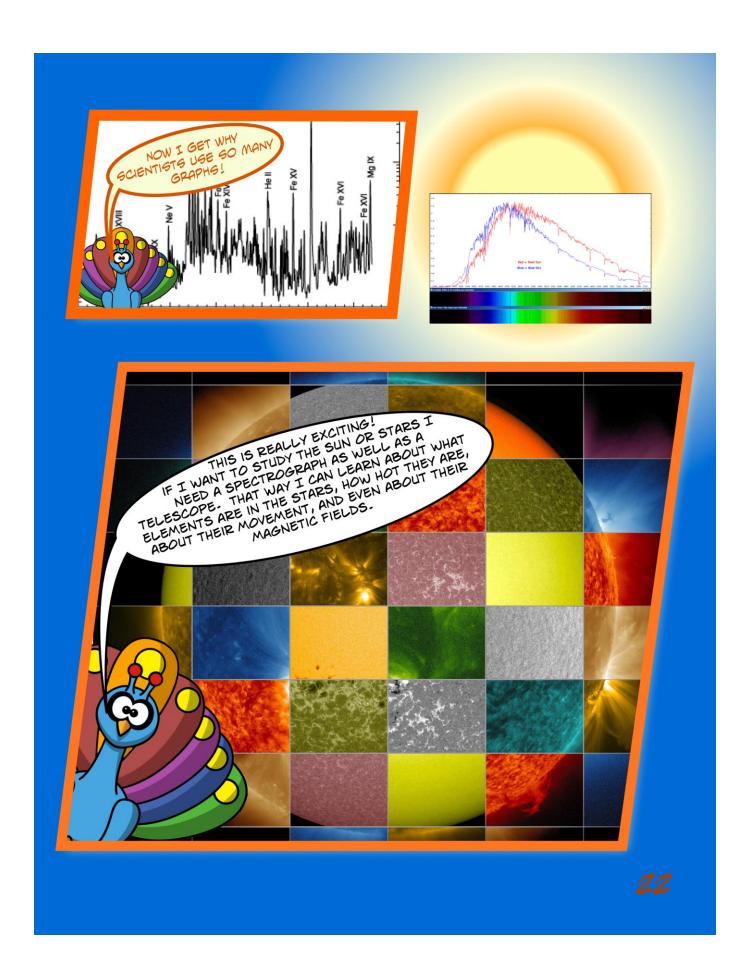




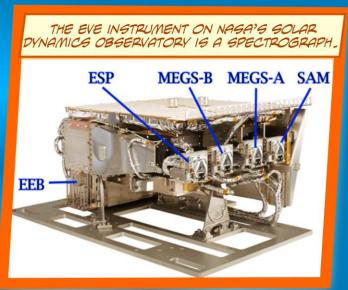






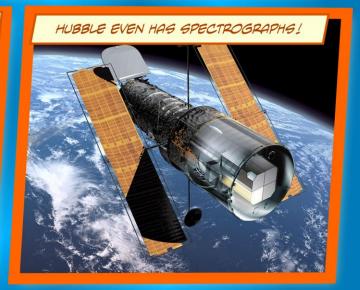






NAGA'S INTERFACE REGION IMAGING SPECTROGRAPH (IRIS) IS OBVIOUSLY A SPECTROGRAPH











## TO GET SPECTROGRAPHS FOR YOUR CLASSROOMS:

HTTP://SOLAR-CENTER.STANFORD.EDU/POSTERS/POSTERS\_SPEC\_BULK\_HTML

## ABOUT NAGA GOLAR MIGGIONS:

SDO - HTTP://SDO.GSFC.NASA.GOV/

IRIS - HTTP://IRIS-GSFC-NASA-GOV/

STEREO - HTTP://www.nasa.gov/mission\_pages/stereo/main/ SOHO - HTTP://sohowww.nascom.nasa.gov/

## FOR STUDENTS:

FOR A COOL VIDEO ON HOW THE STANFORD SOLAR TELESCOPE IS
REALLY A SPECTROGRAPH, SEE:
HTTP://SOLAR-CENTER\_STANFORD\_EDU/COLORG

FOR LOTG OF EXPERIMENTS AND ACTIVITIES ON SPECTRA, GO TO HTTP://NAGAWAVELENGTH\_ORG AND SEARCH ON "SPECTRA"

THE STANFORD SOLAR CENTER HAS ACTIVITIES ABOUT THE SUN TO EXPLORE: HTTP://SOLAR-CENTER\_STANFORD\_EDU/ACTIVITIES

## FOR TEACHERS:

FOR REGOURCES RELATED TO SPECTROSCOPY SEE: HTTP://SOLAR-CENTER\_STANFORD\_EDU/ACTIVITIES/COTS\_HTML

FOR A POWERPOINT PREGENTATION ON THIS TOPIC, GEE: HTTP://GOLAR-CENTER.GTANFORD.EDU/ACTIVITIEG/FINGERPRINTGINGUNLIGHT/

THE STANFORD SOLAR CENTER HAS TEACHING RESOURCES

RELATING TO THE SUN:

HTTP://SOLAR-CENTER\_STANFORD\_EDU/TEACHERS



