

What is light?

Where do the colors come from?



Please open your binders to take a few minutes of notes...

(today's date is 3/7/11)

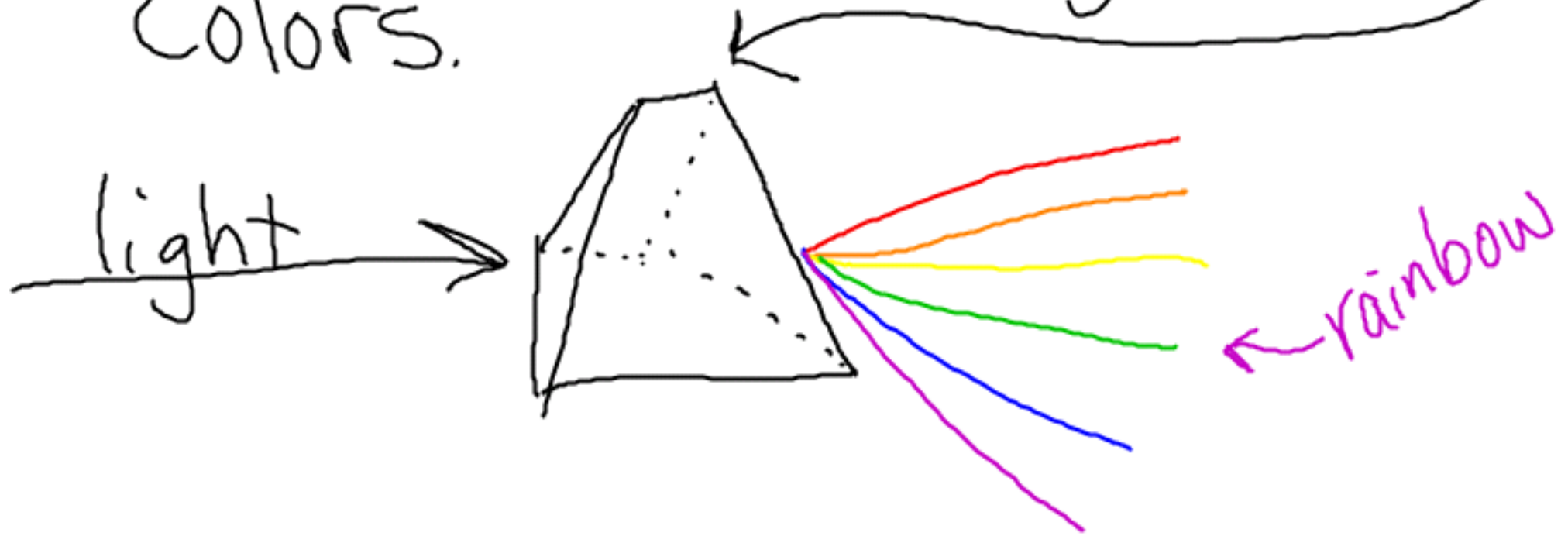
*****Write in your agendas--HW due Wednesday is to finish vocab. cards*****

3/7/11

What is light?

Light is energy (E).

1600's Newton used a prism
to break visible light into
Colors.



Colors of the Rainbow:

Red

Orange

Yellow

Green

Blue

Indigo

Violet

longest wavelength



Short wavelength





It absorbs all the
others!

Electromagnetic Spectrum (EM)
all the light E from the sun.
p. 552-553

radio waves

micro waves

infrared waves

visible light

ultraviolet waves

x-rays

long wavelengths

short wavelength

low E

high E

Use yarn to make
waves

Short ϵ long

