



ELECTROMAGNETIC SUPER HERO



Group: _____

Period: _____

Assigned Electromagnetic Spectrum Wave: _____

On Thursday & Friday (11/15 & 11/16), you will be required to create a poster and do a brief presentation as a group for the entire class. Below is the list of websites you will research and be ready share the findings with the rest of the group (you may split duties among your group) so that you're prepared to create the poster the following class. Each group will work together to create a poster (story & drawing) about the superhero with powers of the assigned Electromagnetic spectrum. More detailed instructions will be given on the day of the lesson.

http://imagine.gsfc.nasa.gov/docs/science/know_11/emspectrum.html

<http://www.darvill.clara.net/emag/index.htm>

<http://science.hq.nasa.gov/kids/imagers/ems/waves3.html>

<https://imagine.gsfc.nasa.gov/science/toolbox/emspectrum1.html>

<https://earthsky.org/space/what-is-the-electromagnetic-spectrum>

Please answer the questions while browsing through the website:

1. Where in the electromagnetic spectrum is the assigned EM wave located in?
2. What is the frequency & wavelength of the assigned EM wave?
3. What are some real life examples or uses of the assigned EM wave?
4. How was the EM wave discovered?
5. What properties of this EM wave can be related to humans? In other words, what properties of the EM wave can be used to give power to the superhero?