

Photo Assignment

ASTRONOMY 2021B

Student Name Removed

MARCH 31st, 2016

ULTRAVIOLET



Ultraviolet is a section of the Electromagnetic Spectrum.

Humans can only see a portion of visible light and ultraviolet falls outside of this range.

Ultraviolet has shorter wave lengths and a higher frequency.

This is a picture of “Bath Bombs” that are named “Ultraviolet”. These “Bath Bombs” contain the colours associated with ultraviolet.

DINOSAURS



These are two photos of dinosaur skeletons. There is substantial evidence that suggests that dinosaurs roamed the Earth approximately 60 million years ago. There is much evidence that the dinosaurs, along with 99% of all living things became extinct during this time because of a giant impact with the Earth, known as "Impact Theory".

This photo was taken at the mall and are smaller replicates of real dinosaur skeletons

EXTRATERRESTRIAL LIFE

These two “Starwars” characters resemble a type of extraterrestrial life that some people argue may be found throughout the universe. Although the scientific community believes that if life is found, it will most likely be a microbe because of the simplicity and commonality of them found on our world. But, the idea that “alien life” like these characters cannot be ruled out as a possibility.



This picture was taken at Build-a-Bear Workshop. The employees, as well as myself, believe that this is what extraterrestrial life will look like throughout our galaxy and the universe.

MOON



- The Moon is a very interesting object in our solar system. Scientists's have discovered that the surface is geologically dead as it is heavily cratered because of constant impacts during the Heavy Bombardment period.
- The Moon has sparked major discussion within the scientific community regarding the search for water and life within the universe. Additionally, there has also been a successful sample-return mission that brought back moon rock for scientists to research.
- This photo was taken while watching this season of "The Bachelor". You can see several craters on the moons surface that could potentially contain water.

BIG BANG

- “Big Bang” is a theory on how our solar system was created. It is believed to have occurred 14 billion years ago when space was expanding and contracting into an explosion. Evidence of cosmic microwave background radiation was left over and created the elements needed for stars and planets to form.
- This is a photo of nail-polish named “Big Bang” found in the mall while shopping.



ASTEROID



- Asteroid's are leftover rocky planetesimals. They are located in the asteroid belt between Mars and Jupiter. Asteroids are placed apart by 3 million km and some occasionally have made contact with the Earth, leaving behind an impact crater.
- This is a photo of nail-polish named "Asteroid" mostly likely because it resembles rocky dust that could be left behind by an asteroid.

STARS

- This is a picture of bed sheets with constellations of stars on them. Within our galaxy there are a few hundred billion stars and there are a few hundred billion galaxies. This leads to an unimaginable amount of stars beyond our observable universe.
- It has also been said that there are as many stars, as grains of sand on every beach on Earth combined.

