

Telescope Entry Letter



Dear 2017 Learners,

My name is Mrs. Mitchell, I am a teacher at Eastside. I am coming to you with a request. We are just finishing up a Space unit here and we are having trouble observing the stars. We want to have the same experience as the great astronomers of old, such as Galileo and Aristotle.

How we hope you can help us accomplish this is by creating telescopes for us! So how can you, as New Tech Learners create a functional telescope that can assist Eastside Learners in their learning of astronomy?

Familiarizing yourself with reflection, refraction, and image formation with lenses will be a necessity not only to create these telescopes for us, but to understand how they work.

We hope that using these telescopes will help us figure out: "how does the position of our solar system fit into the overall scale, structure, and age of our universe" and "how can H-R diagrams be used to deduce distances in space"? Having a written resource to help answer these questions along with the telescope would be really beneficial for our learners.

We greatly appreciate your help! Thank you!

Sincerely,


Tammy Mitchell