



Week: Five

Group: Cadets & Juniors
Facilitators(s): Podcaster

Title/Topic/Theme: DIY Light Refraction

Duration: 1 hour

Objective: Understand that light travels in a straight line

Materials Needed:

white paper

Markers

Glass of water

Vocabulary (include definition and part of speech):

Q&A-

Opening and Closing Activity Description:
(ex. activity, game, targeted discussion)

Time: 10 minutes

Have members draw several figures on the paper. We will look at the figures and talk about how we see it. How can we change the way we see this image? Members will put the figure behind the glass of water and observe it. In different lighting? With water added? They will see that their images have mirrored and changed. Why? Because light travels in a straight line except when bouncing off of objects. The light water and cup all play a part in how the images will change

Closing (ex. journal, share out, worksheet):

Time 5 min.

Go over how they could possibly use this knowledge in their everyday life and remind them the definition of light refraction.