



Week: One

Group : Cadets & Juniors

Facilitators(s): Ms. Margaret Rodriguez

Title/Topic/Theme: DIY Invisible Ink

Duration: 1 hour

Objective: To teach the members the process of oxidation through “invisible ink” and heat.

Materials Needed:

- half a lemon / milk or vinegar
- water
- spoon
- cotton swabs
- white paper
- lamp or blow dryer

Vocabulary (include definition and part of speech):

Q&A-

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

Time:10 minutes

Greet members by name as they join the zoom call. Before we begin, we will do a community builder to discuss their current feelings (5 minutes)

To begin the activity all members will squeeze the lemon into the cup making sure they have enough ink to draw their figure. They will dip their cotton swabs into their ink and draw a figure. We will discuss what they think will happen as the figures dry, and we will go over the process of oxidation. Once it dries, we will hold it up to the heat source and watch the figure appear before our eyes.

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

Time 5 min.

Go over the process of oxidation again and remind the kids this is an activity they can do anytime!