

PARENT LETTER FOR LADIES IN LAB COATS

Wow, your young ladies are in for an amazing week!!

Our science this year is the Science of Survival and it is full of exciting hand-on activities.

The sewing is all about upcycling and learning how to sew.

Both of these are described below.

SCIENCE OF SURVIVAL

DAY 1



What to do if we find ourselves in a survival situation! S.T.O.P

Orienteering: What if we get separated from our family while in the woods? No problem! We will learn how to use a compass to find our way.

DAY 2



We will make our own compass and learn how a compass works

Knots, knots everywhere! It is so much simpler to do things if you know the perfect knot for the situation! Each day we will learn new knots and where they would be used.

Next we will use these knots, poles and tarps to create survival shelters.

DAY 3



As we learn more knots we will make our para cord key chain. We will learn why paracord is SO useful!

We will start the creation of our SOS kit. This is full of the items we need when away from home.

The ladies will have a great time as they create their own flashlight from scratch and learn the electricity behind its operation.

DAY 4



Duct Tape, the miracle survival tool. What can we make with that?

We will learn to build a fire and learn all the safety protocols.

Why shouldn't we drink water in nature? Let's take a look at those pathogens and determine what we can do to purify the water.

Next, we will create and cook in a solar oven.

DAY 5

What if we need to set up a base camp and need to get water to it? Well, we will learn how to create a syphon system to do that.

Can you open a can with just concrete or a rock? We will find out!

We started our vinegar making on Monday. Today we will find out how this is another miracle survival tool.

SEWING PORTION OF CAMP

We are very excited about the opportunity to teach your child all about sewing and upcycling summer!



Gathering the tools for Sewing: This project will show students everything they will need to be a successful seamstress. Students will learn the importance of needle size, thread color, measuring tapes, and the importance of keeping tools organized and in good condition. To help ensure students take care of their sewing tools, they will showcase their individuality by making and decorating a sewing kit and built in pin cushion to hold their tools.

Upcycled Jewelry: An outfit is never complete without the perfect accessories! The students will learn how to take ordinary objects like toilet paper rolls, wine corks, and beads and transform them into fashion statements. The students will create repurposed pieces like toilet paper roll cuff bracelets, wine cork pendant necklaces, and wire-wrapped rings. Reduce, reuse, and redefine fashion!



Upcycled Towel Travel Wrap

This amazing travel kit will be fun to create and keep.

Students will use a running stitch and whip stitch, and learn about attaching ribbon ties.

T-Shirt Tote Bag

We will also create a T-shirt Tote Bag that will be used to carry our SOS survival supplies.

All fashionistas should understand the importance of using sustainable materials and respecting the environment. In this activity, students will repurpose an old t-shirt into a cute and practical tote bag. The students will learn how to help the environment, while also making a brand new bag on a budget!

Please send a t-shirt to be used for this project!

