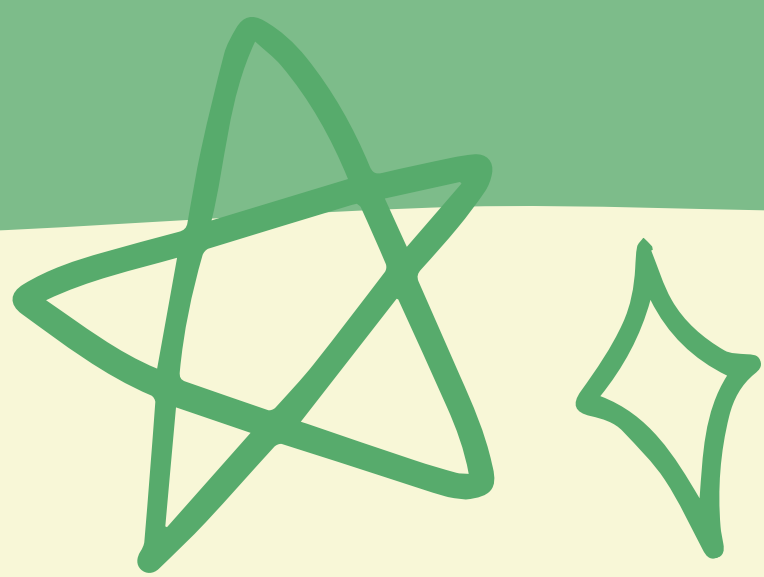
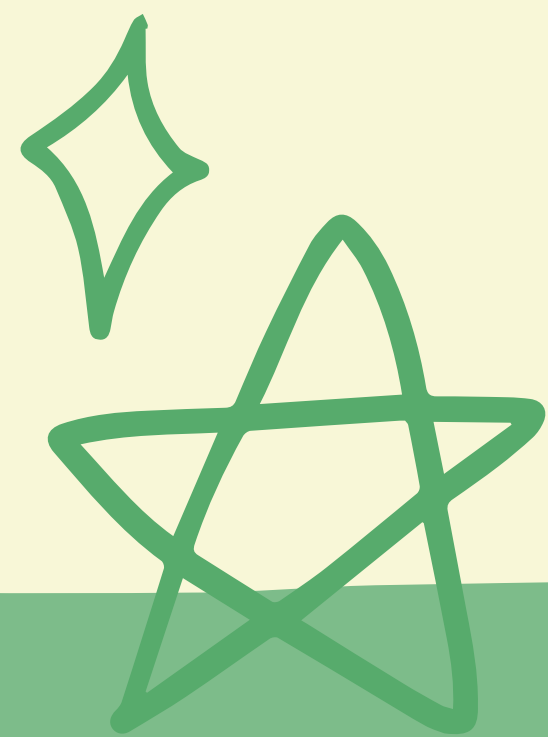


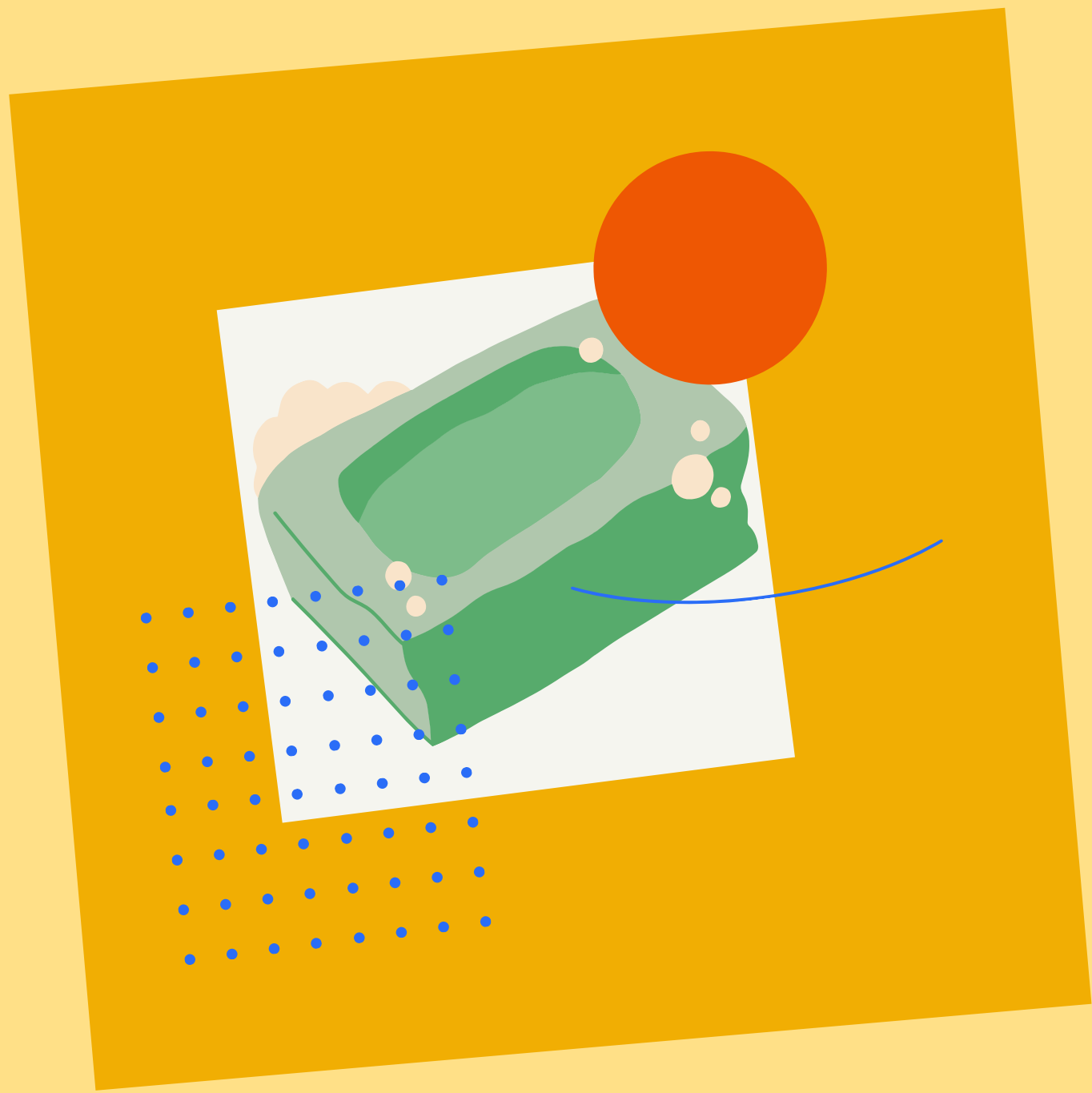
SIMPLY SCIENCE

FEBRUARY 5TH 2021
Oak View ES
6:30 PM



SOAP





The Slippery Slope of Not Washing with Soap



Items in the STEM kit:



A bit of pepper



Some dish soap



Other Materials You'll Need



A small bowl



Please fill that bowl up halfway with water!

This activity will demonstrate the importance of soap



Instructions:



Sprinkle the pepper into the bowl of water



Dip your finger inside the bowl. How much pepper is stuck on your finger?



This time, coat your finger in the dish soap. How much pepper is stuck on your finger now?

NOTE!

do not mix the pepper in the water!

THE ELEPHANT'S

TOOTHPASTE

Note:

This activity involves materials like hydrogen peroxide, which can be very damaging if handled improperly! Please be very careful while doing this and avoid touching your face throughout and after the activity! Do not drink the water bottle containing the hydrogen peroxide either!

YOU MAY ALSO NEED:

- a container to place the water bottle w/ hydrogen peroxide in
- warm water (microwave)
- scissors

1.

Add the yeast to the warm water in a cup

2.

Cut the straw w/ food coloring and add to the water bottle with the hydrogen peroxide

3.

Add the provided dish soap to the bottle of hydrogen peroxide

4.

Finally, add the yeast mixture to the bottle!

MATERIALS IN THE STEM KITS

hydrogen peroxide

1 tsp of yeast

dish soap

food coloring

INSTRUCTIONS

Soap Storm

Witness the
swirly
wonders of
soap and
water!

In your STEM Kit you can find...

- 1 Plastic Water Bottle
- 2 Straw w/ food coloring
- 3 Soap (in plastic water bottle)

Note!

This
activity
can get
messy!

You may also need...

- A bin to place the water bottle in (to prevent water spillage)
- Scissors
- Tap water

Activity

Instructions

1

Fill the plastic water bottle (containing soap), with tap water

2

Keep pouring in the tap water until bubbles at the top disappear

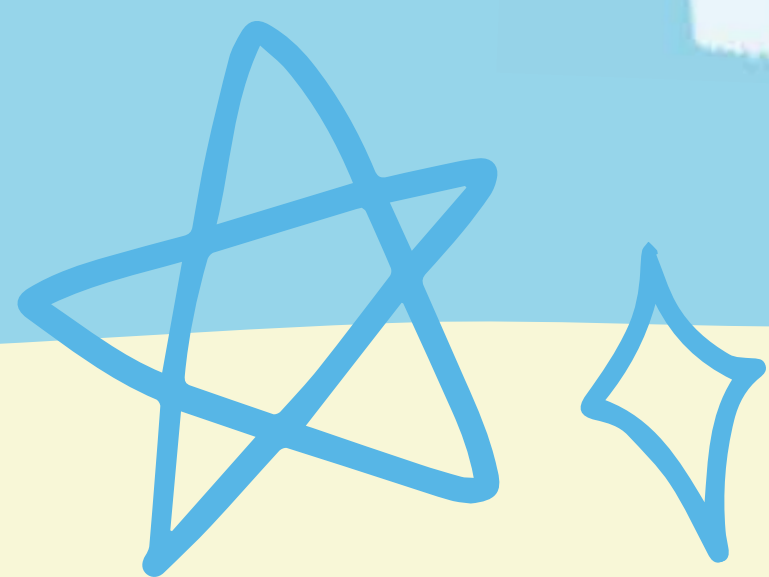
4

Shake the bottle and observe!

3

Cut the straw containing food coloring into the bottle

PAPER





The Art of Origami

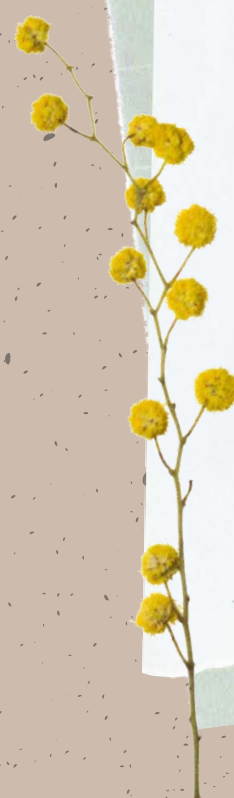


The STEM kit will include:

- *a few sheets of oragami paper*



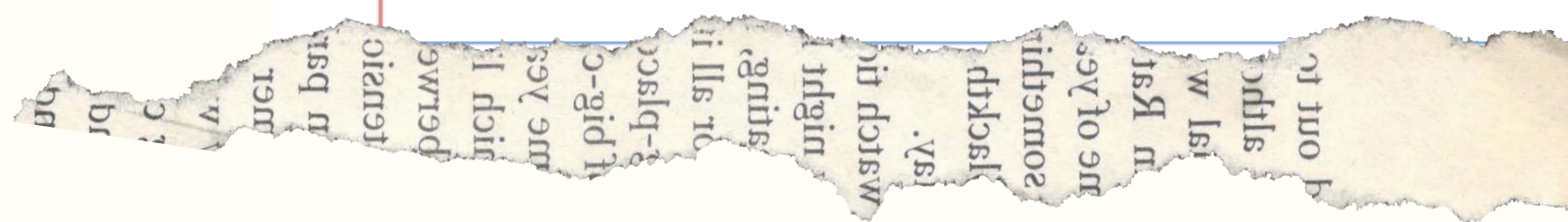
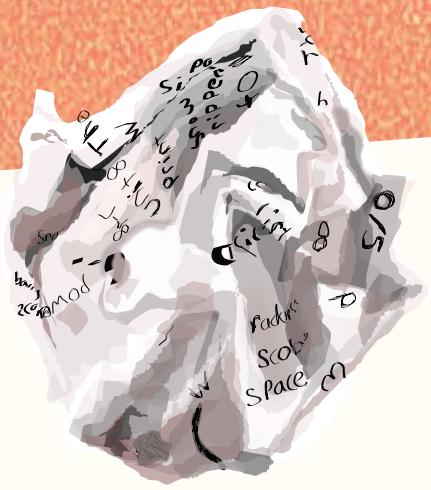
*Learn how to fold
paper into unique
forms and shapes,
specifically, a dog!*



Learn about the history of paper making
and paper's amazing feats of strength

The Beauty of Paper

How strong
can paper
actually be?



In the STEM
kits...

THERE WILL BE...

- a couple sheets of paper



Extra things you
will need:

- scissors
- any heavy book
- tape

Activity

Test out different designs of paper (triangular, columns, etc.) to see which type of design can support the heavy book!

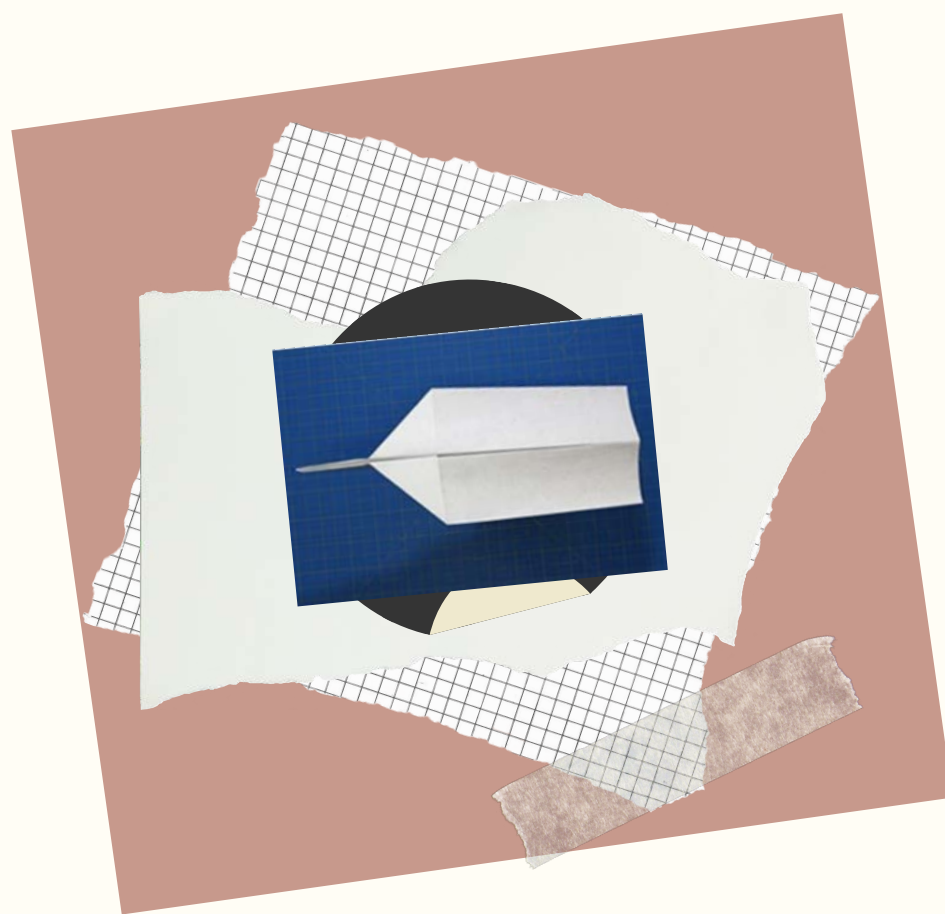
Finding the Perfect Paper Airplane

signs of the island being brought back to life anyway, I had



Learn how to fold
paper airplanes in 3
ways!

The Three Folding Techniques:



signs of the island being brought back to life anyway, I had



Items in the STEM kit:

A couple sheets of
paper for you to fold!