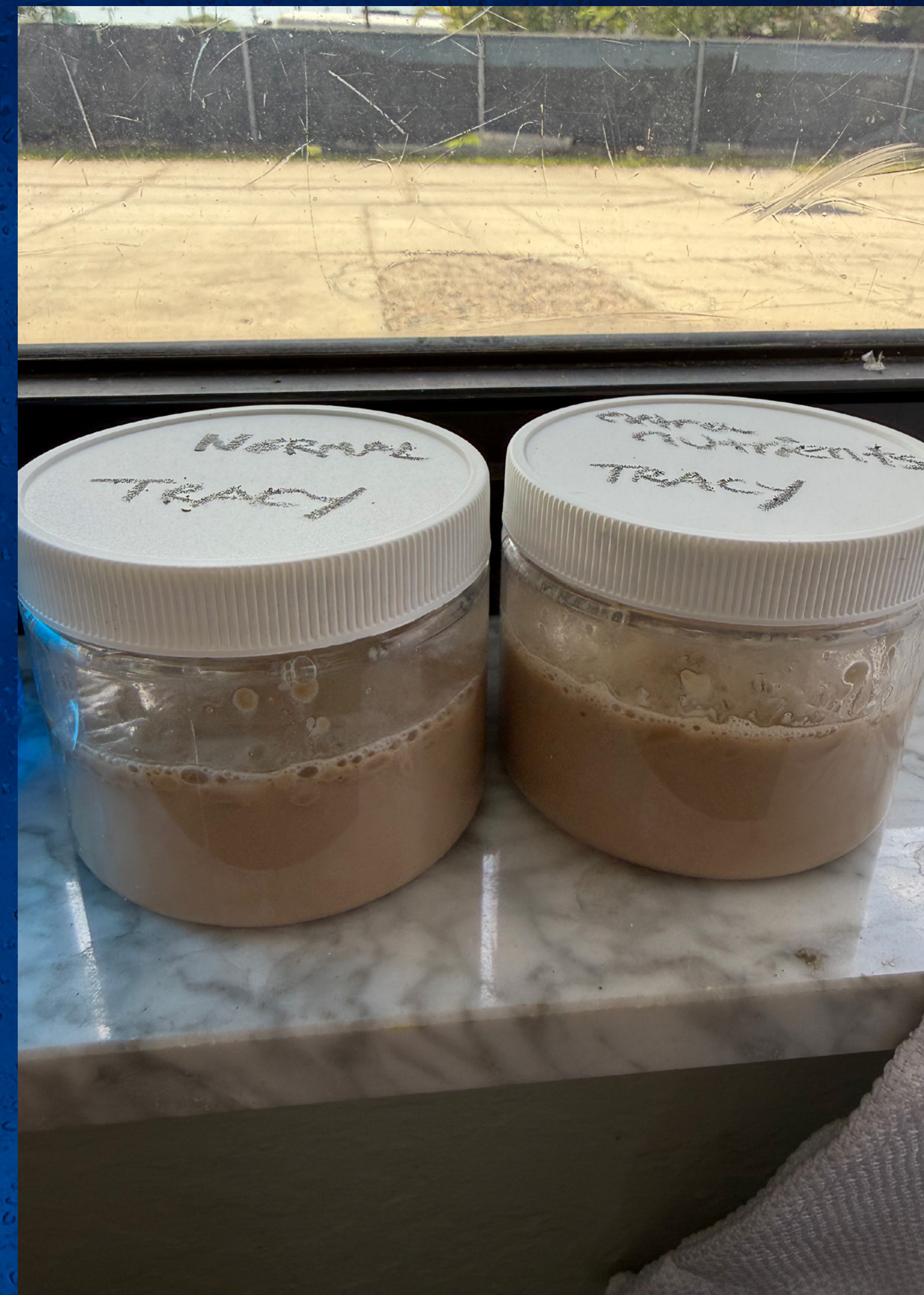


## EXPERIMENT 7

# ALGAE BLOOM

Learn how extra nutrients can help living things grow very fast!



# 7 - ALGAE BLOOM



## SUPPLIES NEEDED

- Craft Mat
- Scissors
- Crayons
- 2 - 6oz Jars
- 8 oz Water
- 1 Yeast Packet
- 1 Plant Food Packet

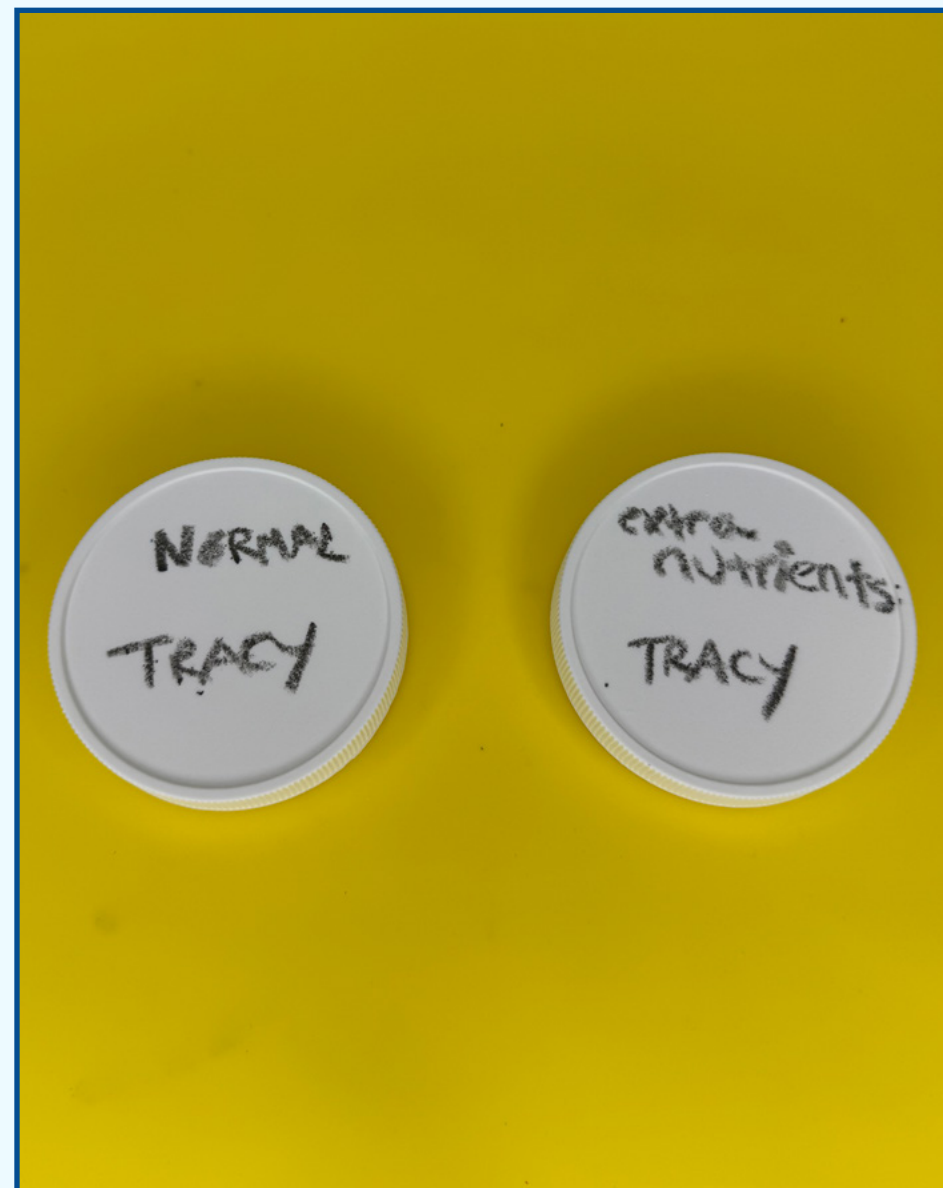


# 7 - ALGAE BLOOM

## STEP 1

Put the two jars on the craft mat.

Label one jar Normal and the other Extra Nutrients and put your name on them.



## STEP 2

Pour the same amount of water into both jars.



## STEP 3

Open the packet of yeast with scissors and pour 1/2 of the pouch into each cap, once about equal amount of yeast in each cap, then pour into each jar.

The yeast is acting as a fast-growing living thing, like algae.



## STEP 4

Open the packet of plant food with scissors and pour half of the plant food only into the Extra Nutrients jar.

Cover each jar tightly.



# 7 - ALGAE BLOOM

## STEP 5

GENTLY shake the jars.

## STEP 6

Place both jars in the same warm spot.

Observe the jars over time.

## STEP 7

Compare the jars after 5, 10, and 15 minutes.

## STEP 8

After your last observation, unscrew the jars to release built up pressure and reseal the jars.

## WHAT TO WATCH FOR

- The jar with extra nutrients may grow cloudier or more active faster.
- More nutrients often mean faster growth.

In the ocean, too many nutrients can help algae grow too fast and create an algae bloom.

Remember, this is a model, not real ocean algae.

TIME	WHAT DO YOU SEE?	WHAT ARE THE DIFFERENCES?

