

INTERACTIONS OF LIFE



DOWN IN THE OCEAN THE KIDS BEGIN THEIR SCHOOL DAY BY PLAYING SOCCER WHILE WAITING FOR MR. RAY TO ARRIVE.



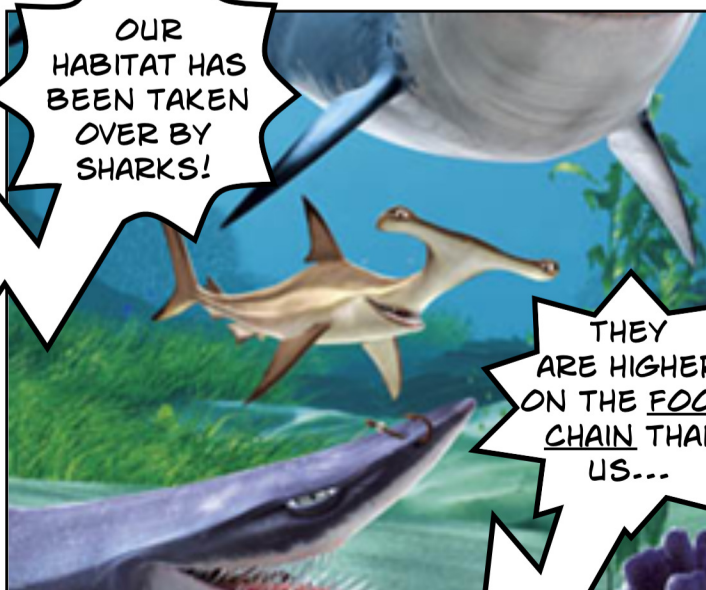
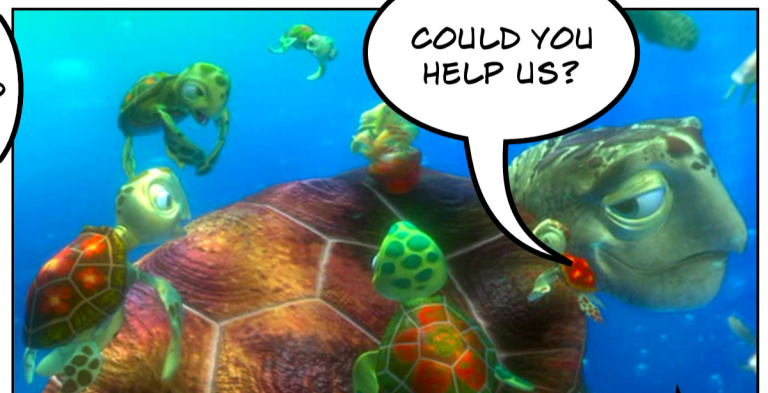
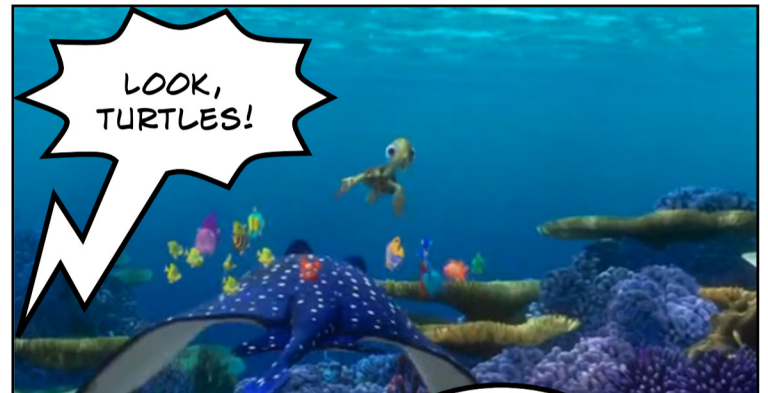
¡HOLA CLASS!

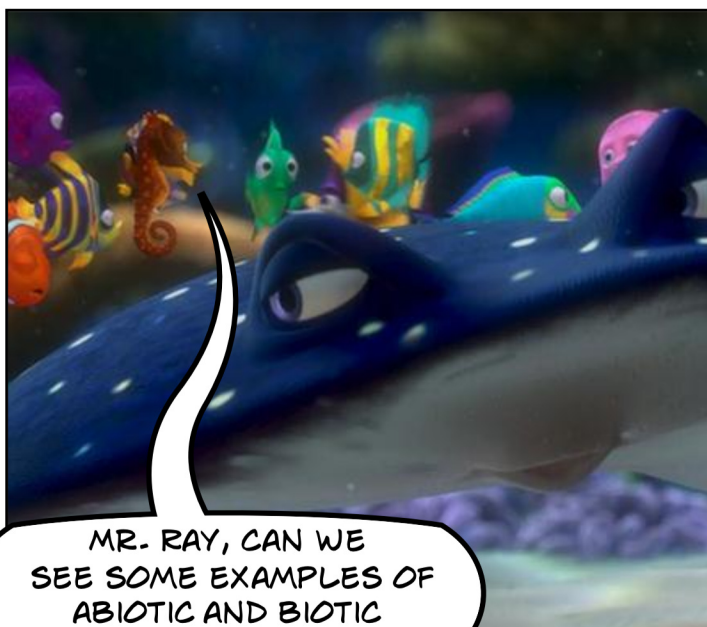
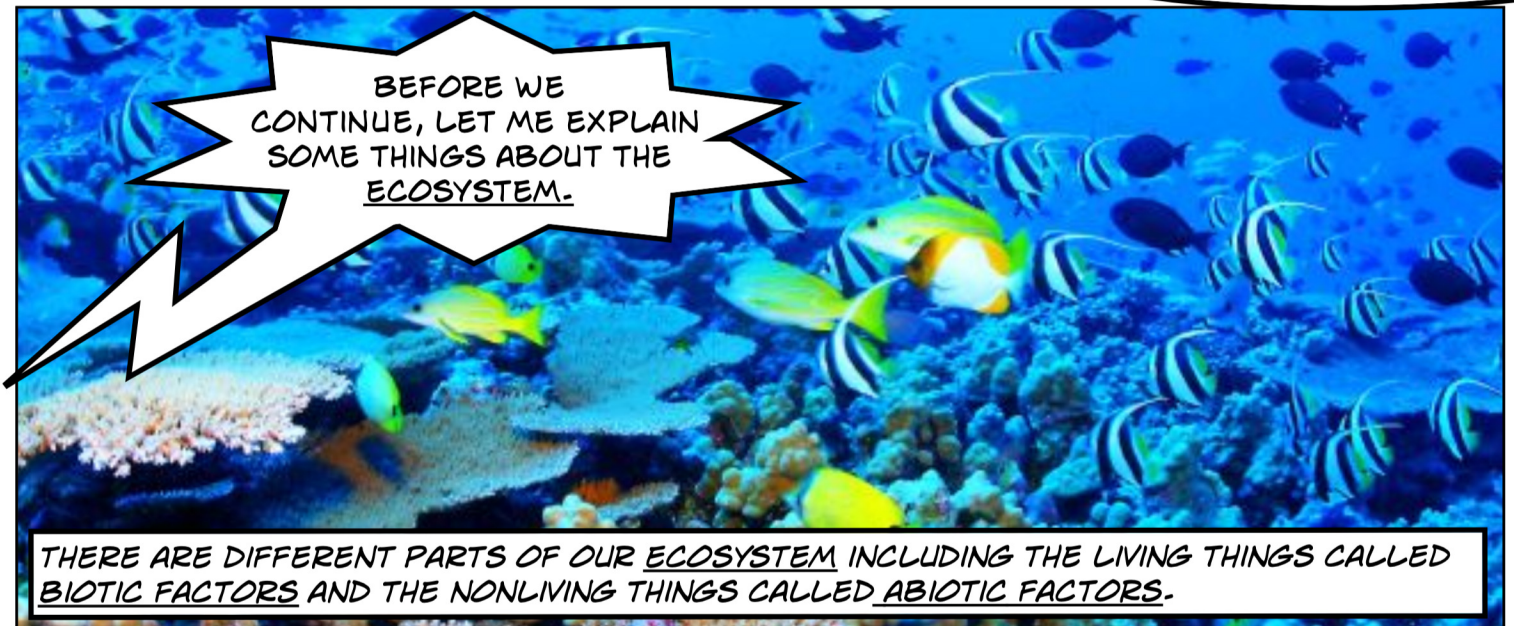
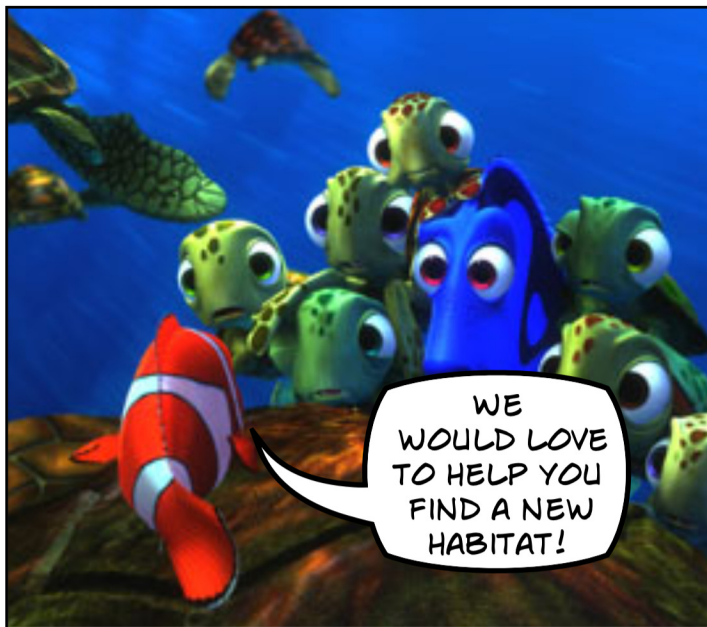


TODAY WE
ARE GOING
ON A FIELD
TRIP.



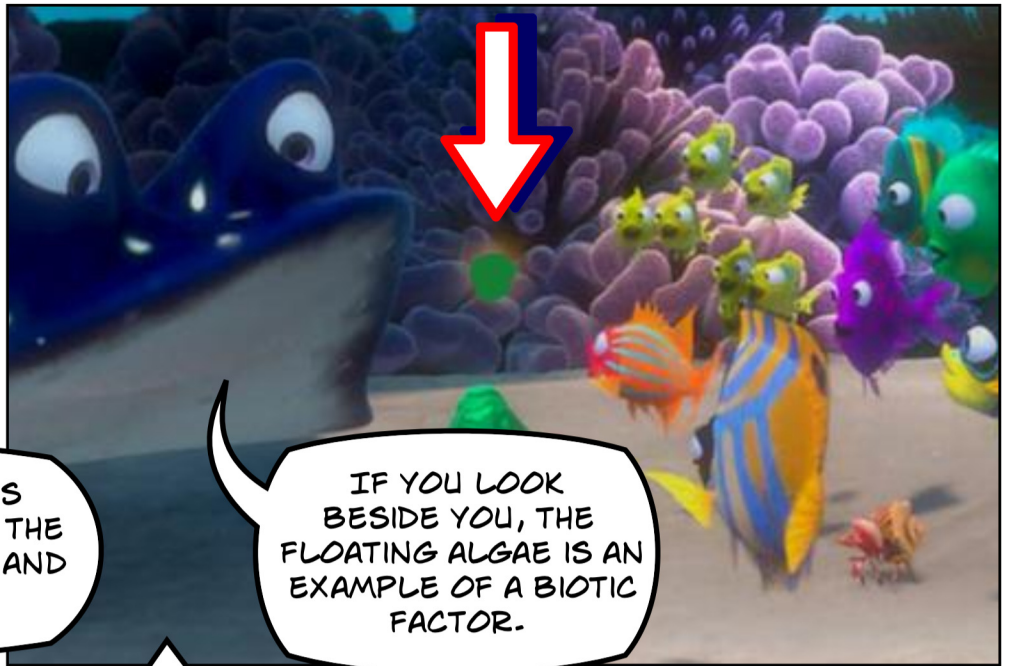
WE ARE
GOING TO
LEARN ALL
ABOUT THE
INTERACTIONS
OF LIFE.







STUDENTS, ABIOTIC FACTORS ARE AROUND US NEARLY ALL THE TIME. THE SUNLIGHT, WATER, AND TEMPERATURE ARE ALL EXAMPLES.

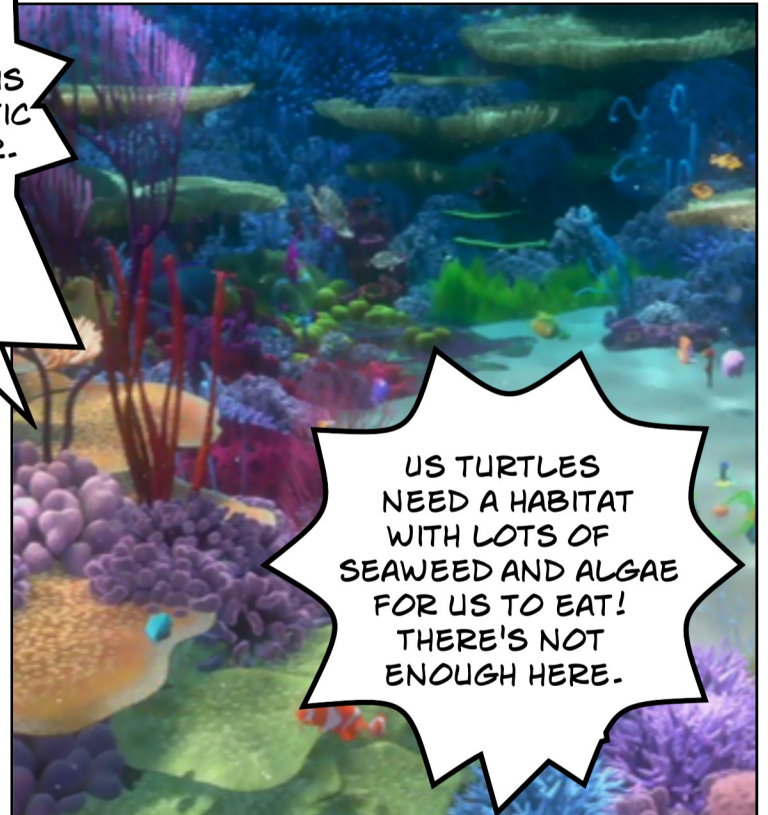


IF YOU LOOK BESIDE YOU, THE FLOATING ALGAE IS AN EXAMPLE OF A BIOTIC FACTOR.



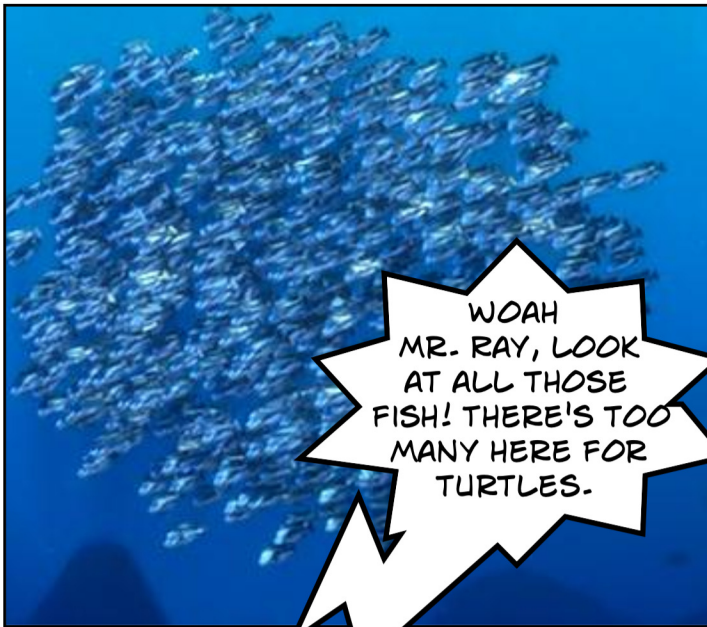
HOW ABOUT SEAWEED, IS THAT A BIOTIC FACTOR MR. RAY?

YES, THE SEAWEED IS COOL, THE SEAWEED IS FUN! IT MAKES ITS FOOD WITH THE RAYS OF THE SUN! THAT PROCESS IS CALLED PHOTOSYNTHESIS.

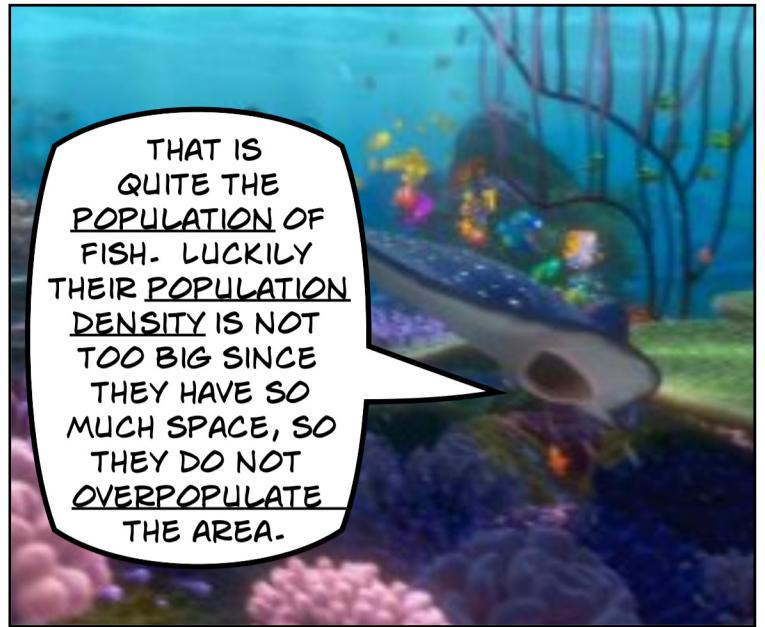


US TURTLES NEED A HABITAT WITH LOTS OF SEAWEED AND ALGAE FOR US TO EAT! THERE'S NOT ENOUGH HERE.

¡VAMOS A CONTINUAR!



WOAH
MR. RAY, LOOK
AT ALL THOSE
FISH! THERE'S TOO
MANY HERE FOR
TURTLES.



THAT IS
QUITE THE
POPULATION OF
FISH. LUCKILY
THEIR POPULATION
DENSITY IS NOT
TOO BIG SINCE
THEY HAVE SO
MUCH SPACE, SO
THEY DO NOT
OVERPOPULATE
THE AREA.

DID YOU KNOW?

THE POPULATION IS ALL OF THE ORGANISMS OF THE SAME SPECIES THAT LIVE IN THE SAME AREA AT THE SAME TIME.



THE SIZE OF THE POPULATION COMPARED TO THE SPACE AVAILABLE IS THE POPULATION DENSITY. WHEN POPULATION DENSITY BECOMES TOO HIGH AREAS BECOME OVERPOPULATED.



COME ON CLASS! LET'S GO
BACK TO SCHOOL.

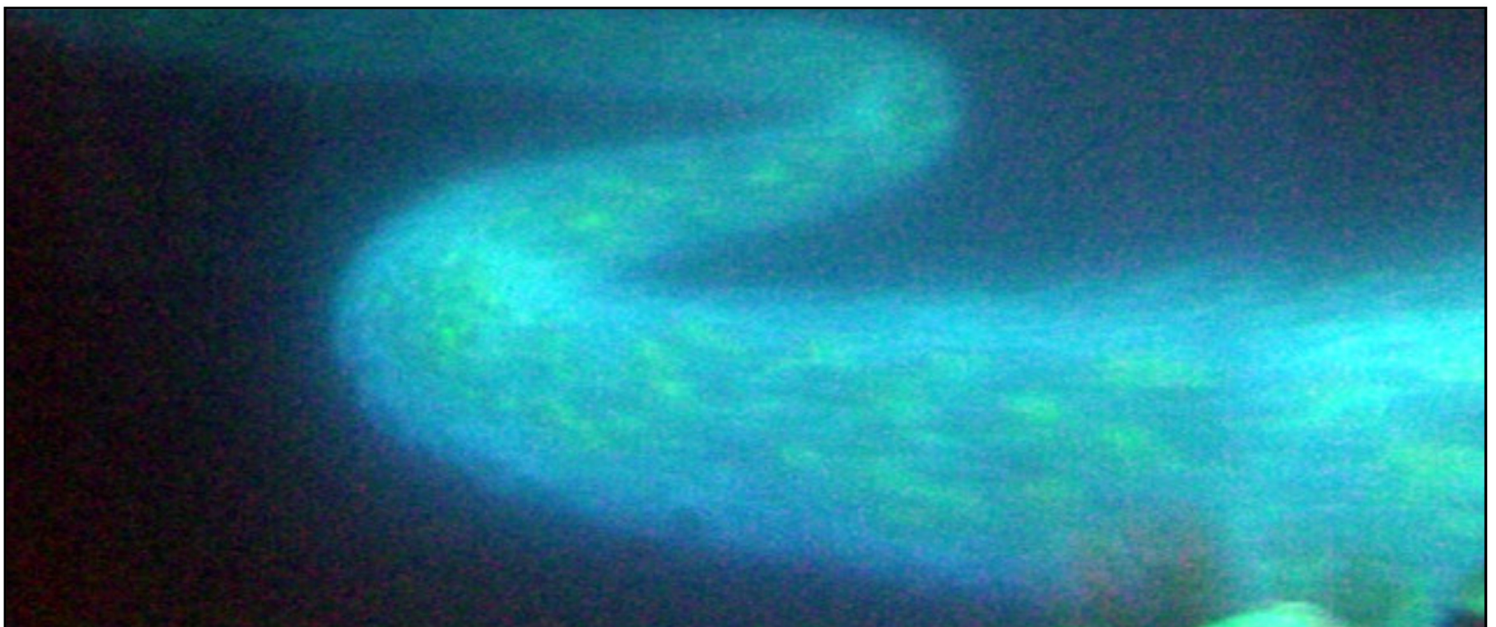


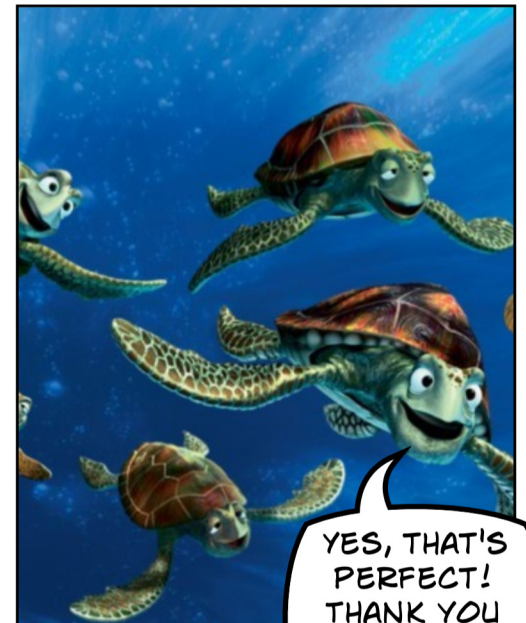


¡TIBURONES! NO
ES BUENO



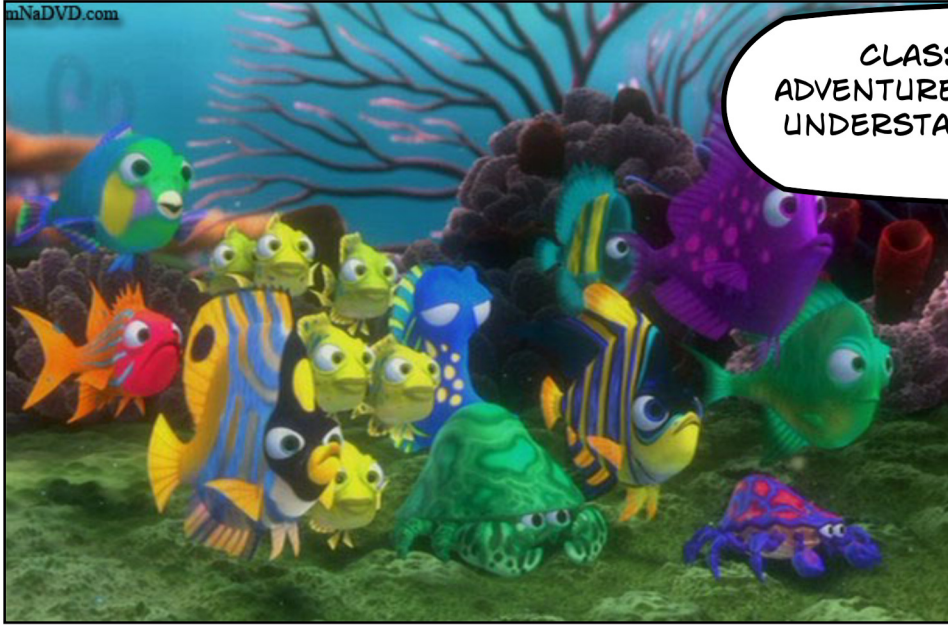
QUICK, HIDE
UNDER ME!





¡ADIOS!





CLASS, THIS CONCLUDES OUR ADVENTURE TODAY. IT IS IMPORTANT TO UNDERSTAND THE ECOSYSTEM AROUND YOU.



BE CAREFUL WHAT YOU DO, AND WHERE YOU GO, BECAUSE YOUR ACTIONS AFFECT OUR HABITAT AND LIFE!



FOODCHAIN

FOLLOW THE ARROWS TO FIND OUT WHAT ANIMALS IN THE OCEAN EAT.

ANIMALS AT THE TOP OF THIS FOOD CHAIN ARE LOCATED AT THE TOP OF THE PICTURE.



FOR
EXAMPLE,
THE TURTLE
ON THE
RIGHT EATS
CORAL.

GOOD LUCK JACK SWIGERT AEROSPACE ACADEMY SIXTH GRADERS. HAVE FUN
LEARNING ABOUT THE INTERACTIONS OF LIFE!

¡BUENAVENTURA!



MADE BY:

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