

# CORAL HEROES

ADVENTURES ON THE REEFS OF TOWABONGA



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international



# OUR HEROES ...



LEATHERY CORAL

JO GRUMPY



BRAIN CORAL

SAMY SMART



ELKHORN CORAL

AL MOOSE



BRANCHING CORAL

BRAN RAMOSY



OCTOPUS

DOC KRAKEN

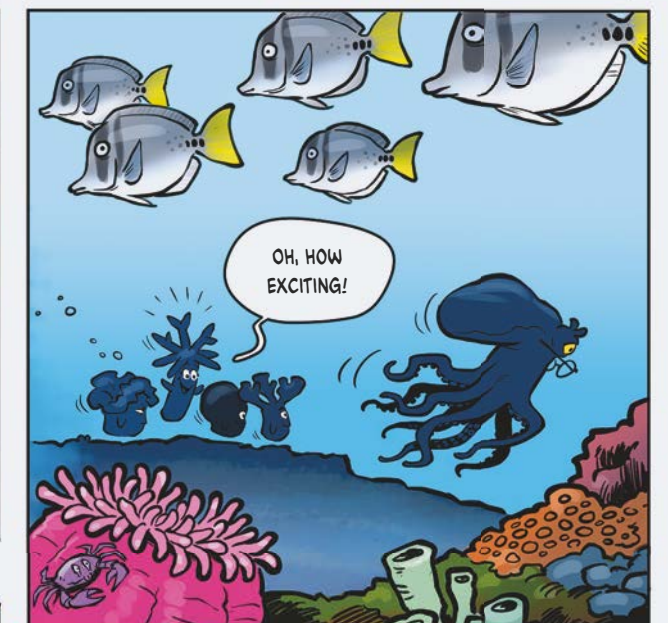
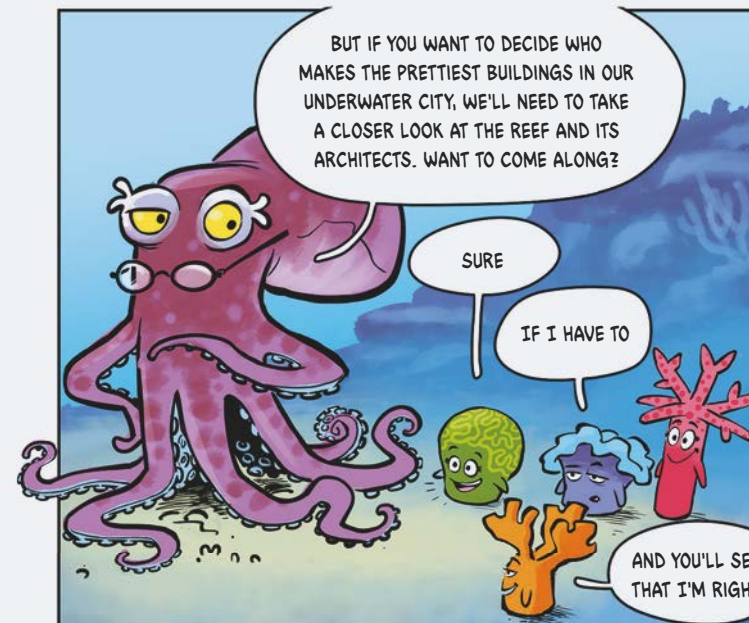
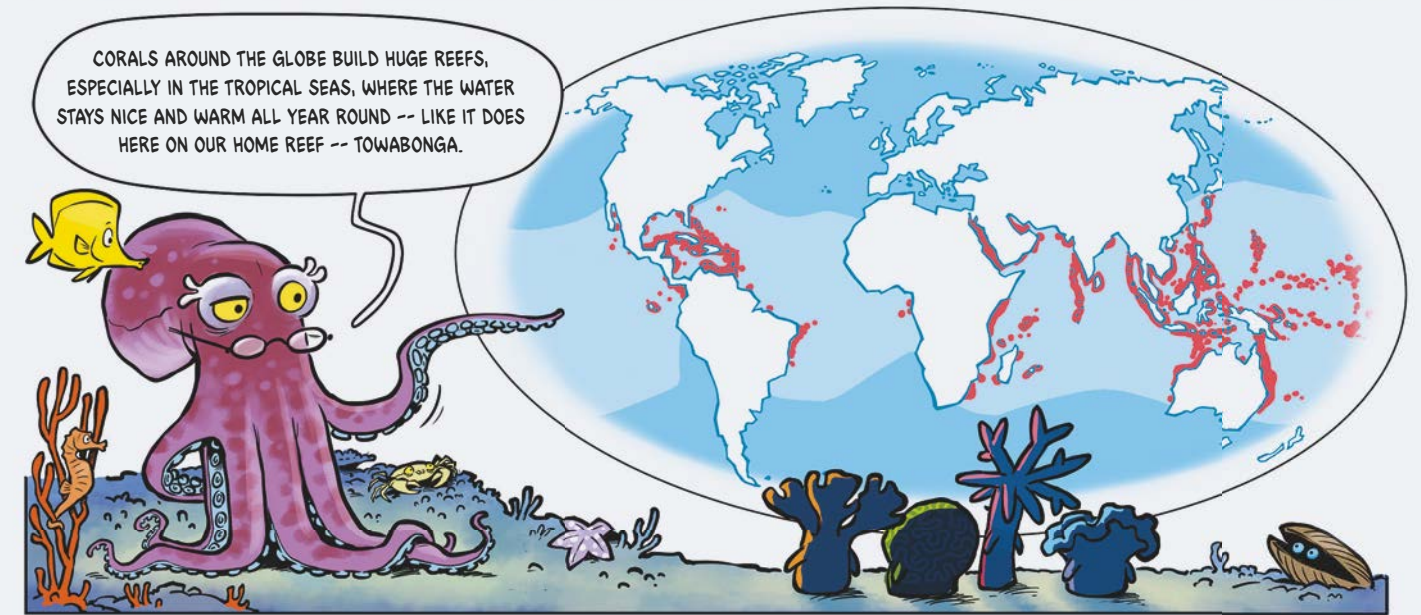
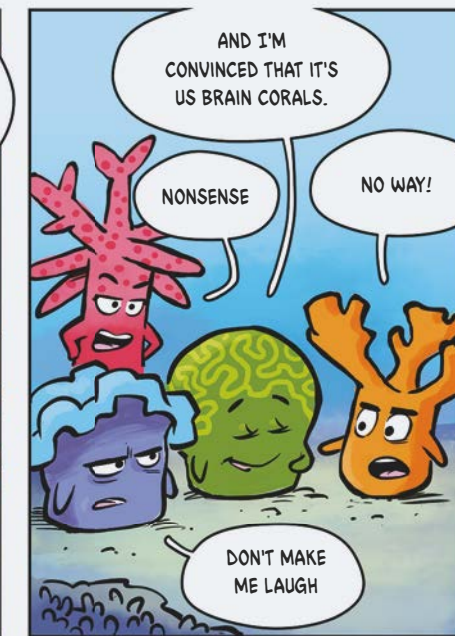
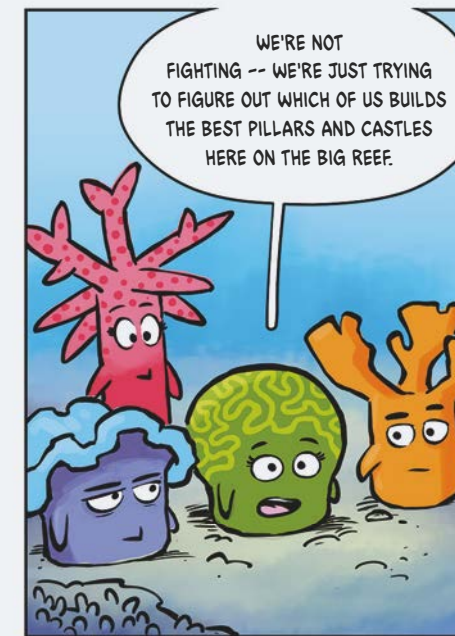
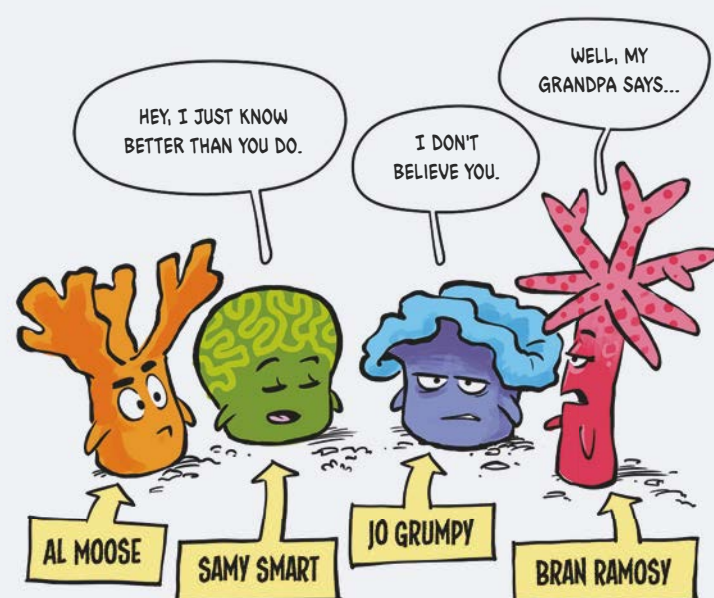
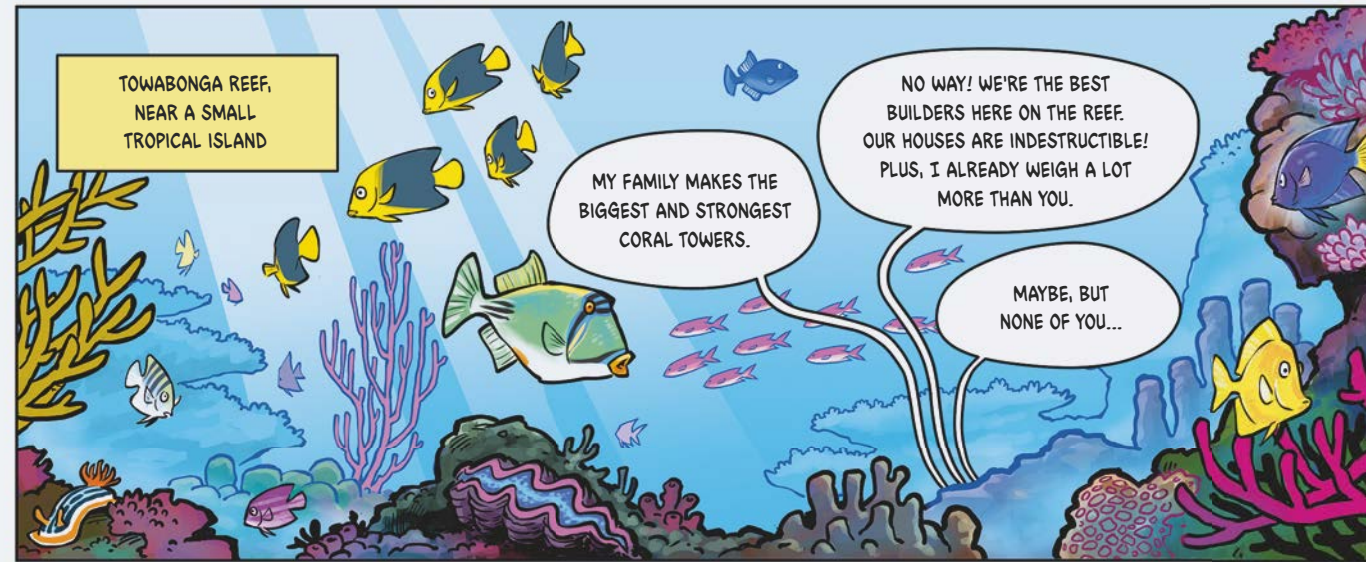
## CORAL REEFS - BURSTING WITH LIFE

TROPICAL CORAL REEFS MAKE UP LESS THAN ONE PERCENT OF THE SEABED WORLDWIDE, ASTONISHINGLY ENOUGH, THEY ARE HOME TO THOUSANDS OF ANIMAL AND PLANT SPECIES. WHILE VAST PARTS OF THE SEAFLOOR ARE PLAIN, SOFT BOTTOMS HOSTING RELATIVELY FEW SPECIES, CORAL REEFS BURST WITH LIFE! THERE ARE 1500 REEF-FORMING CORAL SPECIES WORLDWIDE, MOST OF THEM CAN BE FOUND IN THE SUN-FILLED SHALLOW WATERS OF THE TROPICS. EVEN IN THE COLD AND DARK DEEP-SEA YOU WILL FIND CORAL REEFS; BIODIVERSITY HOTSPOTS AMIDST MUDDY AND SPECIES-POOR ABYSSAL GROUNDS.

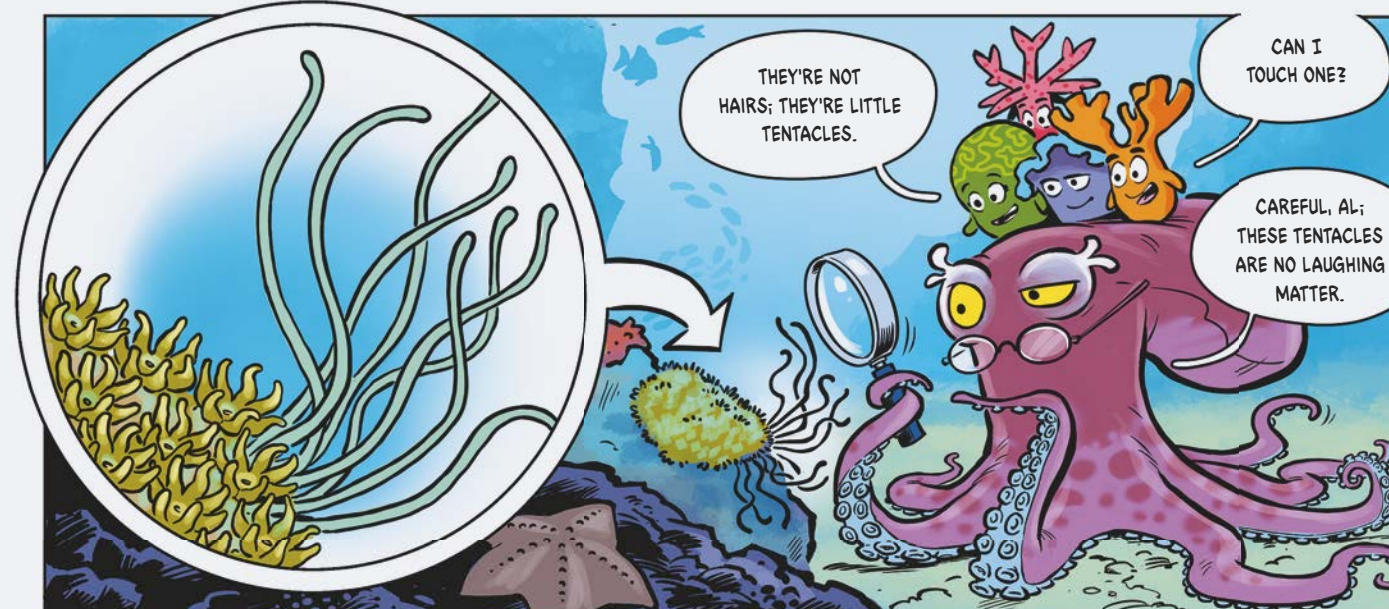
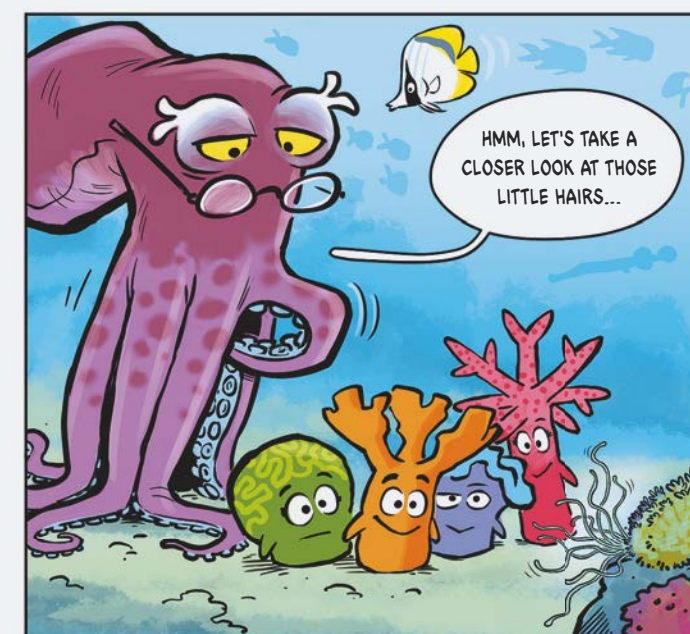
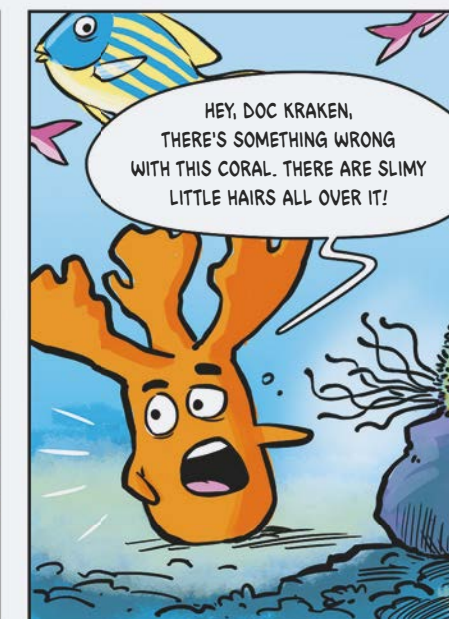
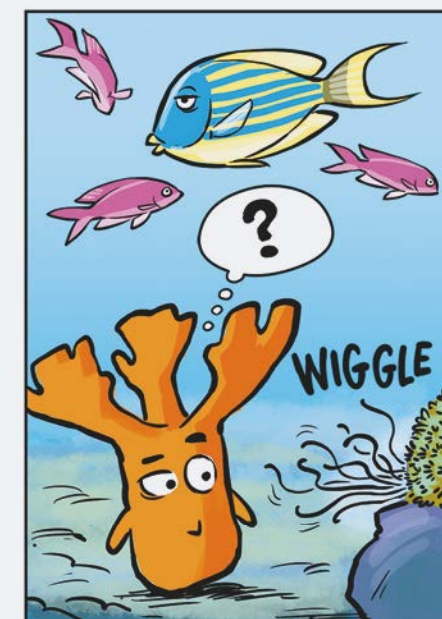
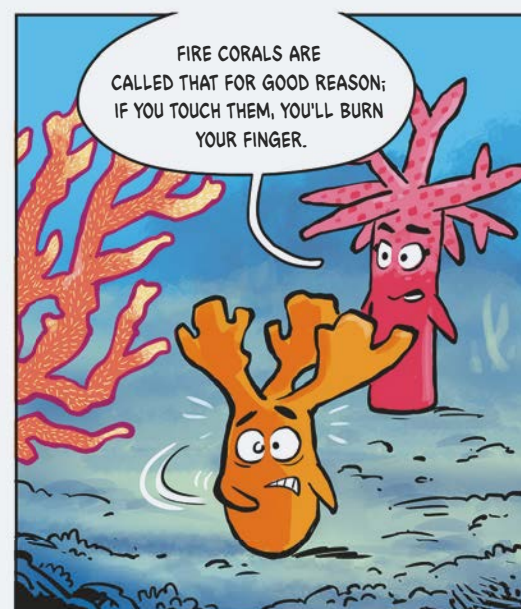
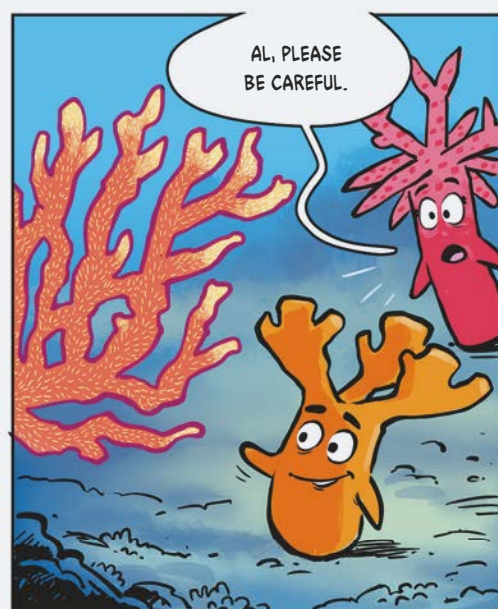
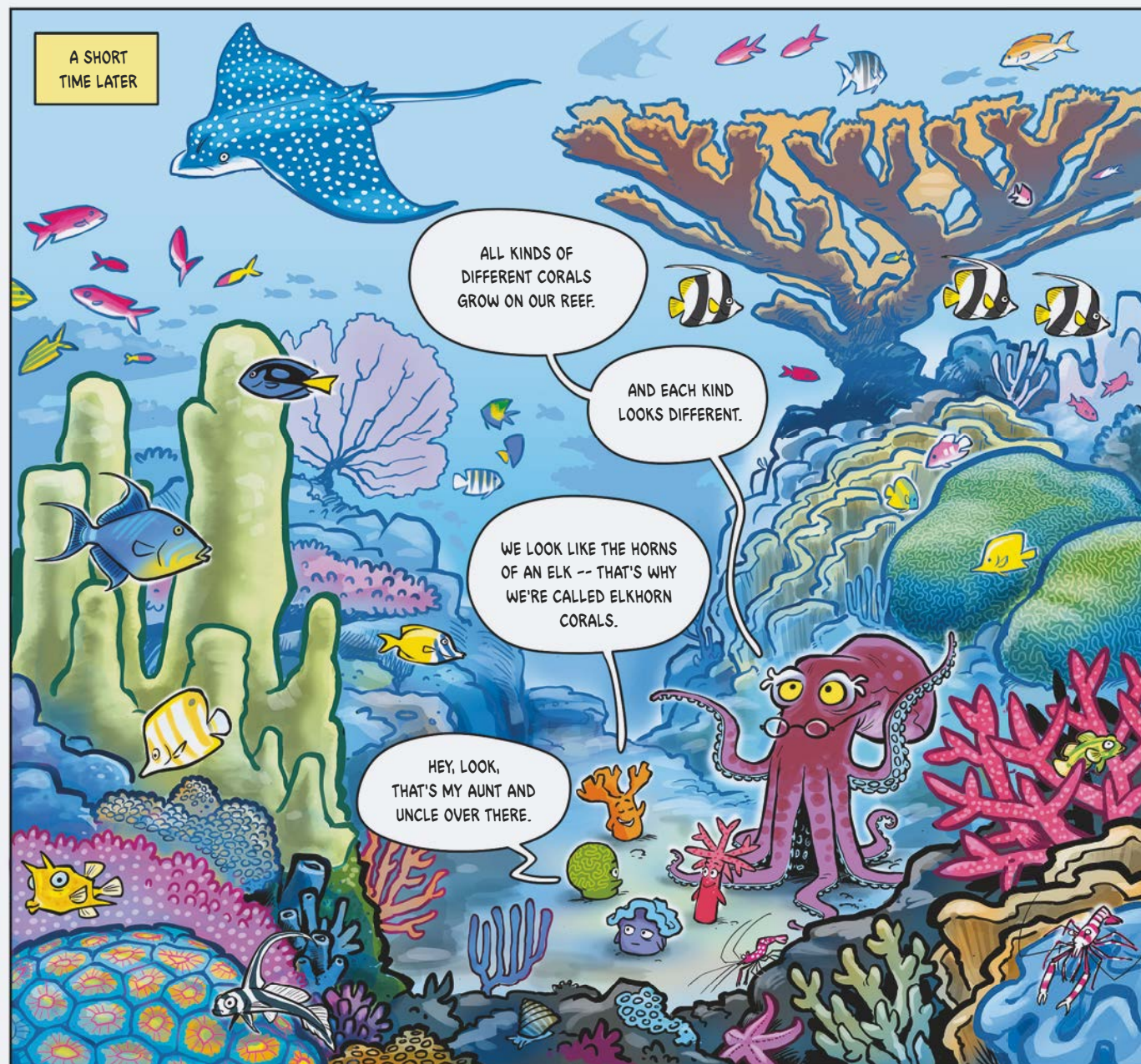


# WHO IS THE BEST BUILDER?

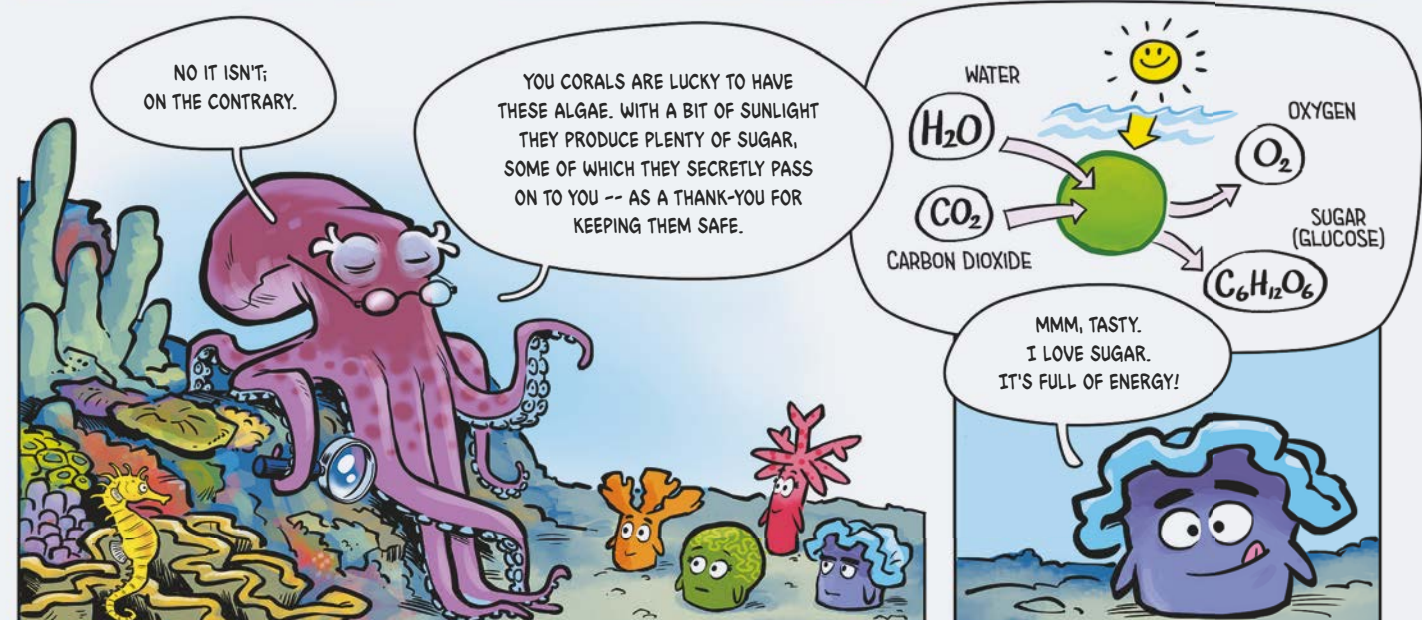
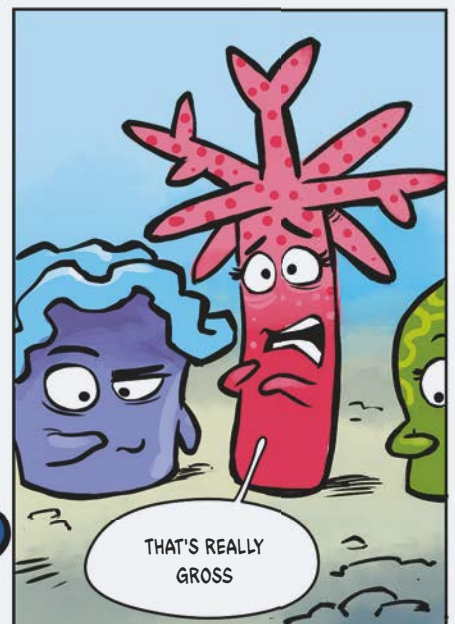
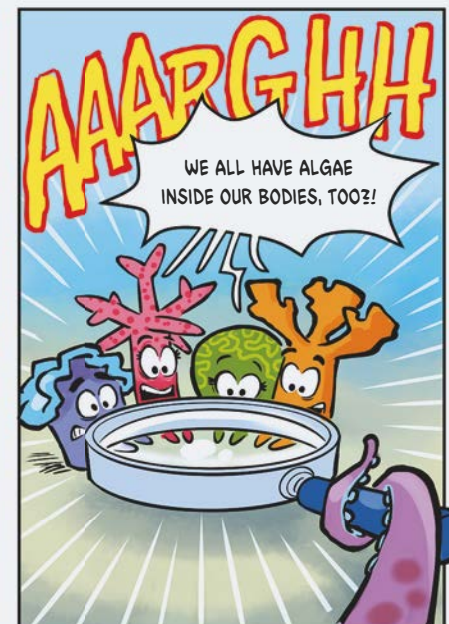
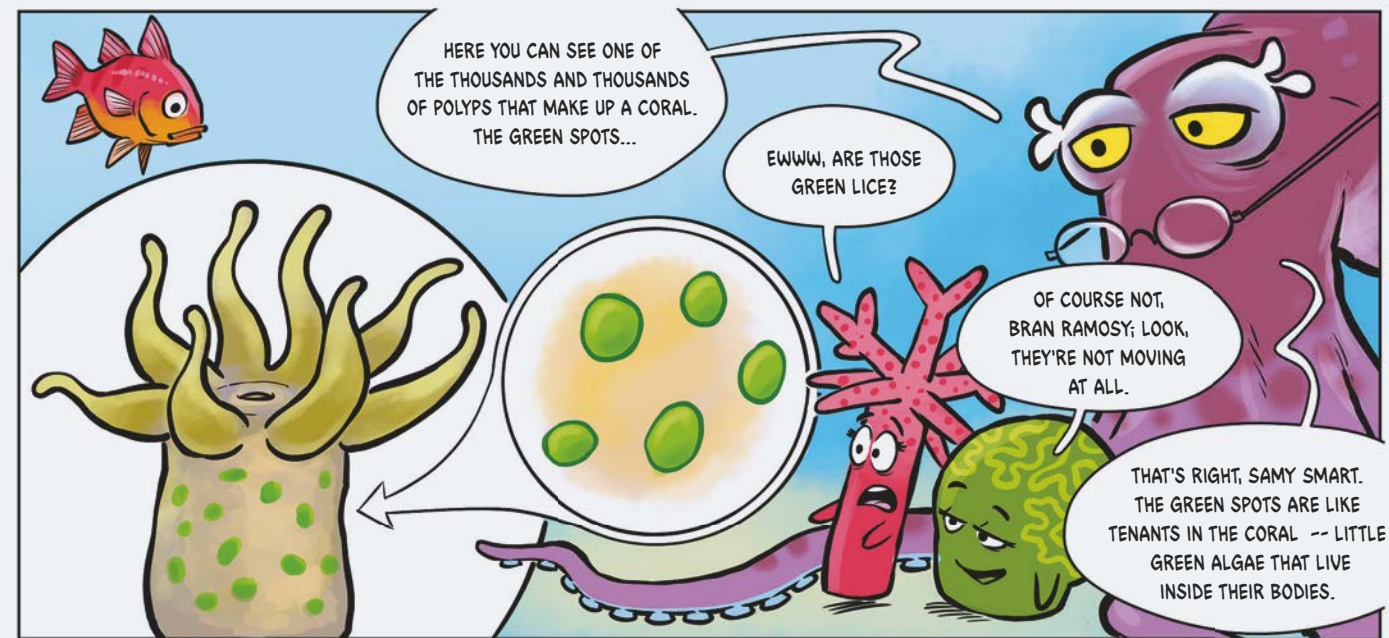
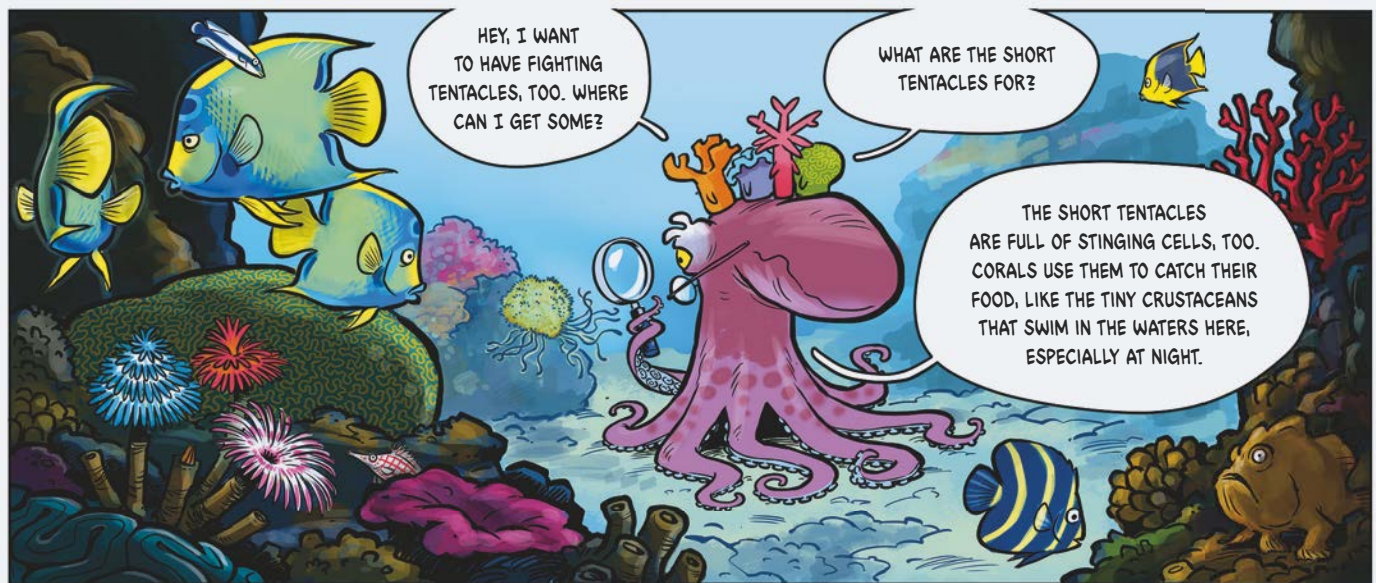
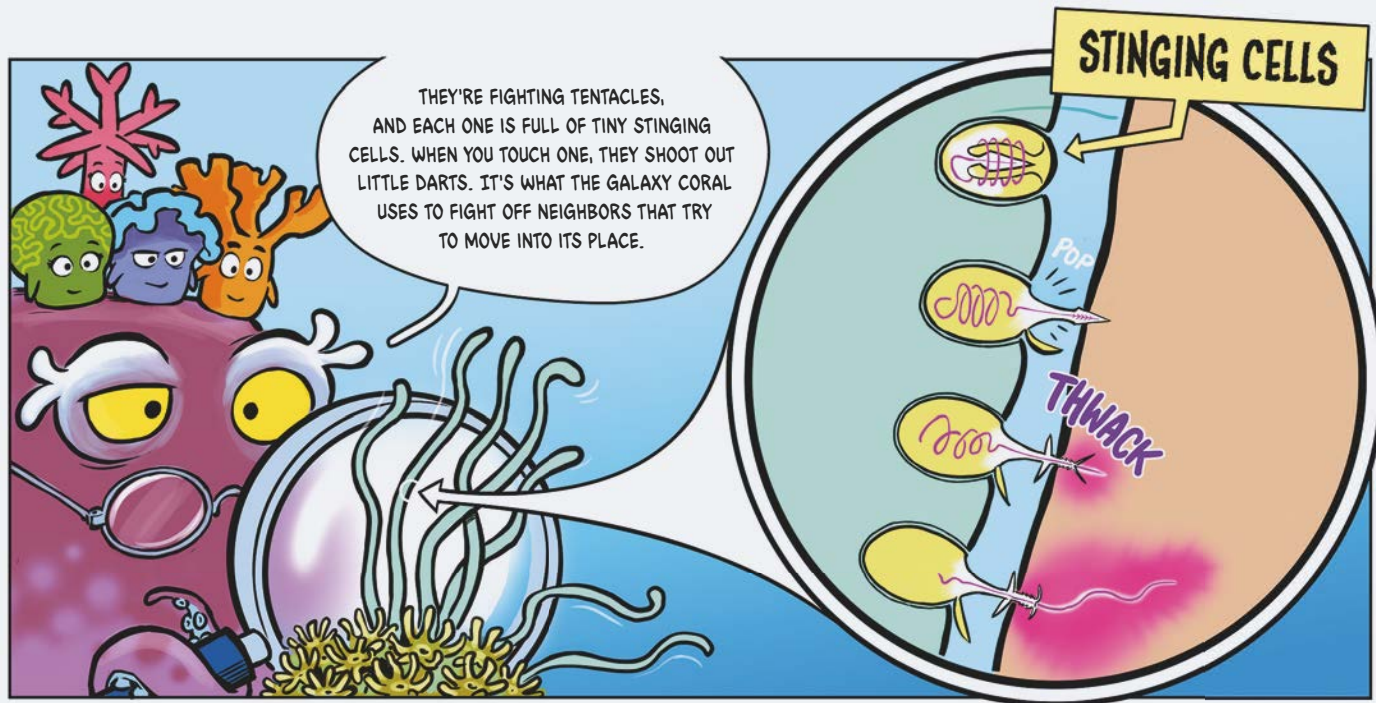
STORY: SINA LÖSCHKE, CARIN JANTZEN ILLUSTRATION: BERNHARD SPEH WWW.SECORE.ORG



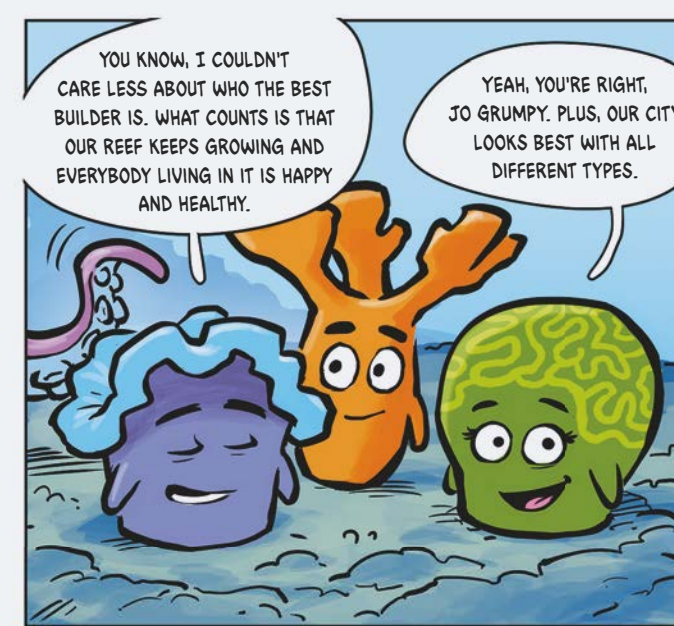
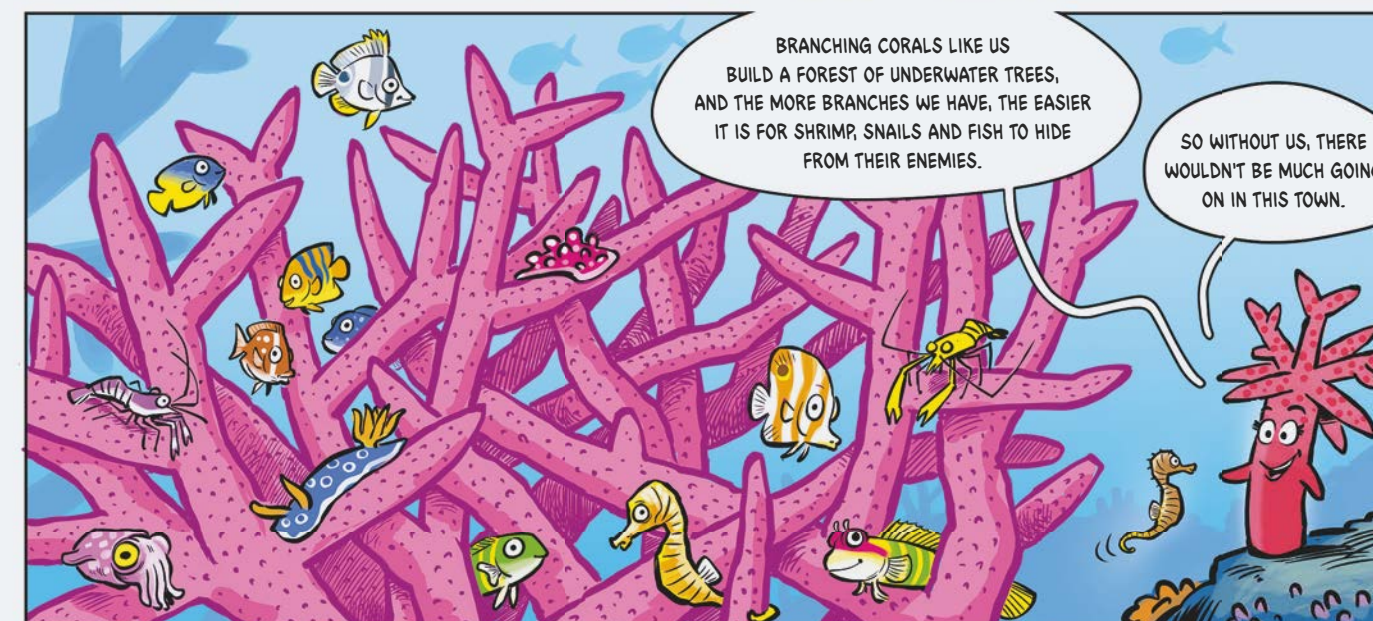
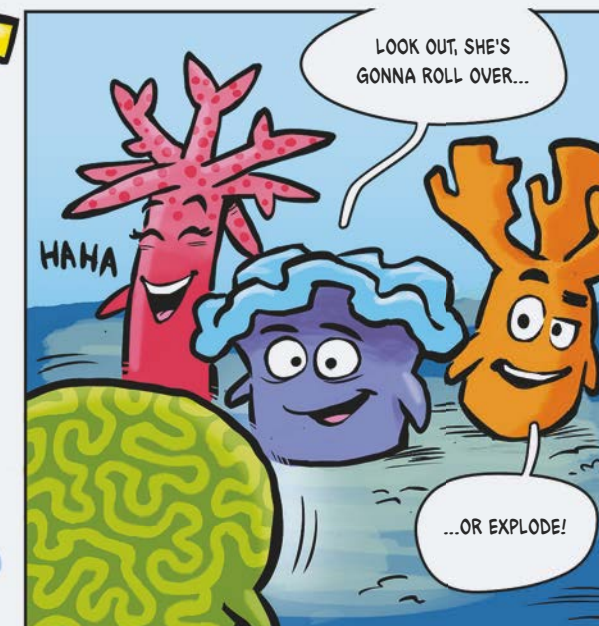
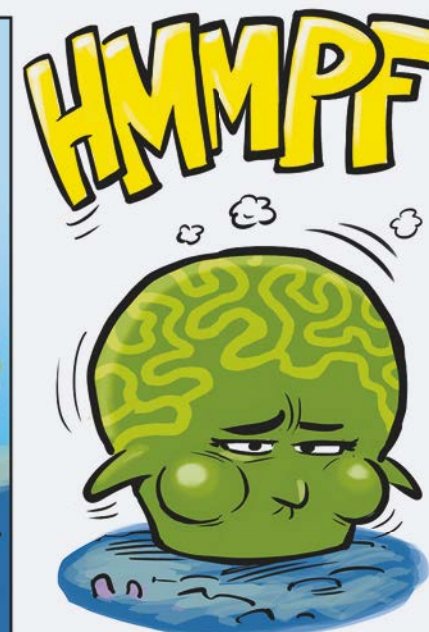
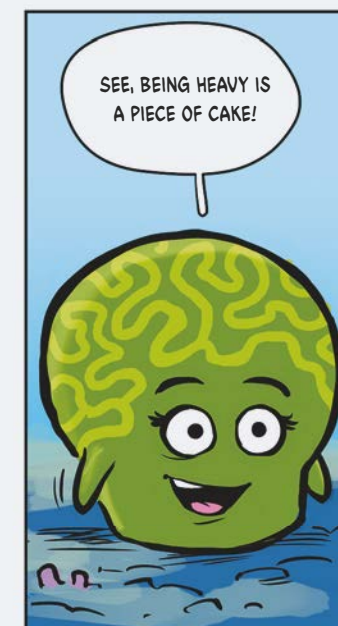
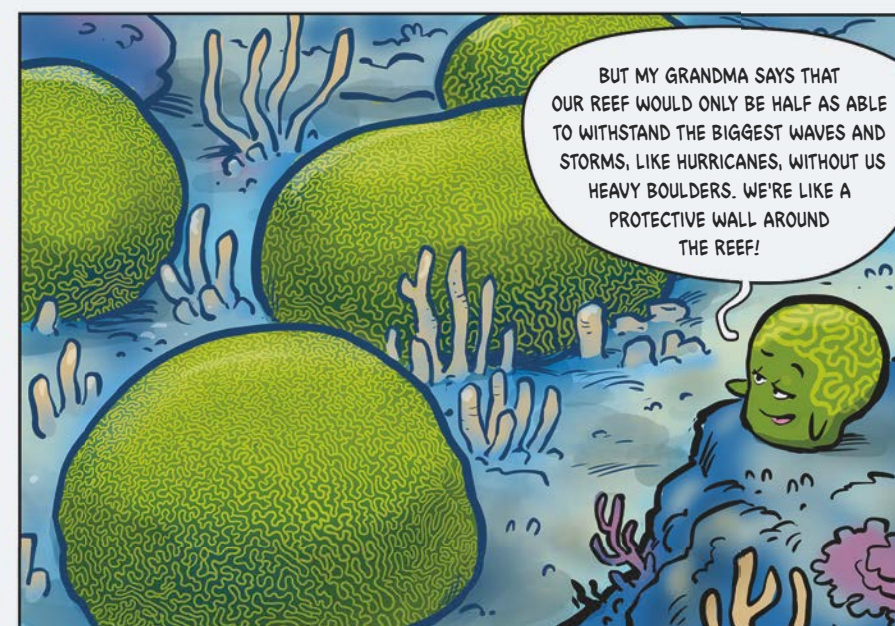
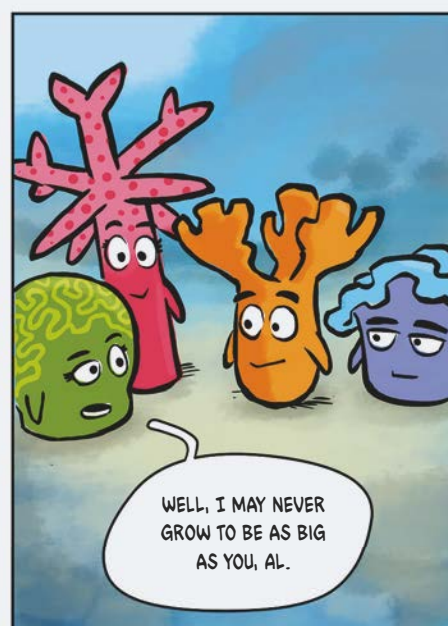
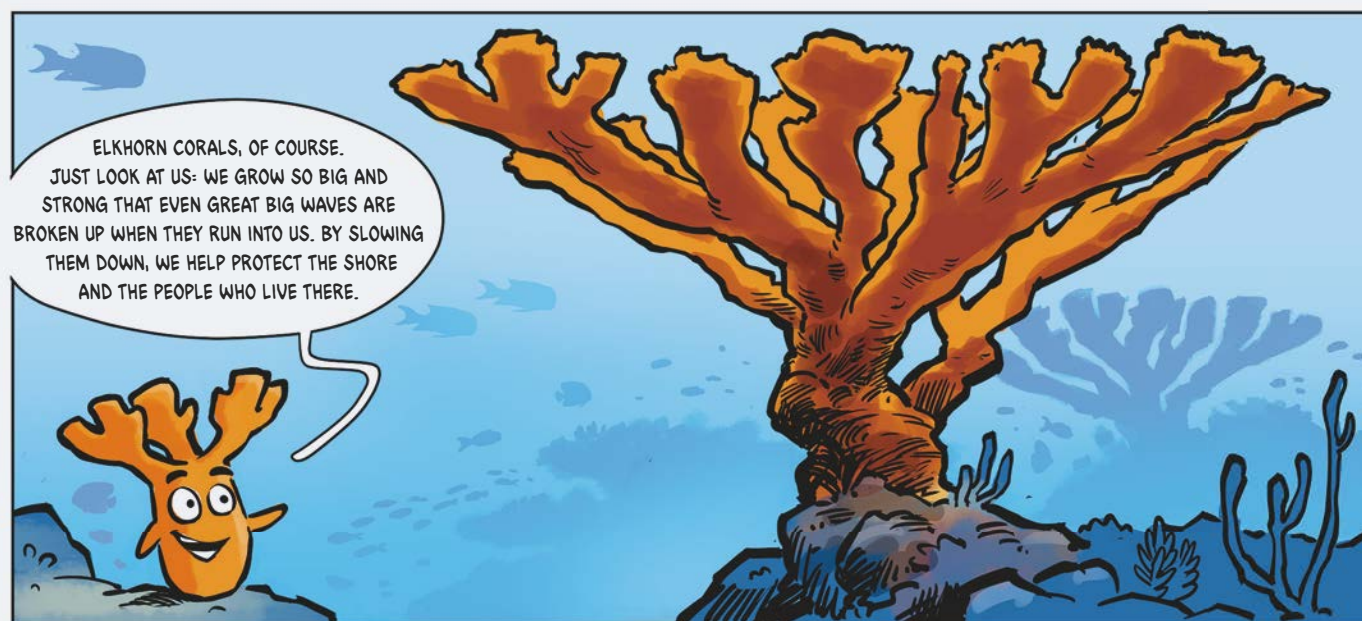
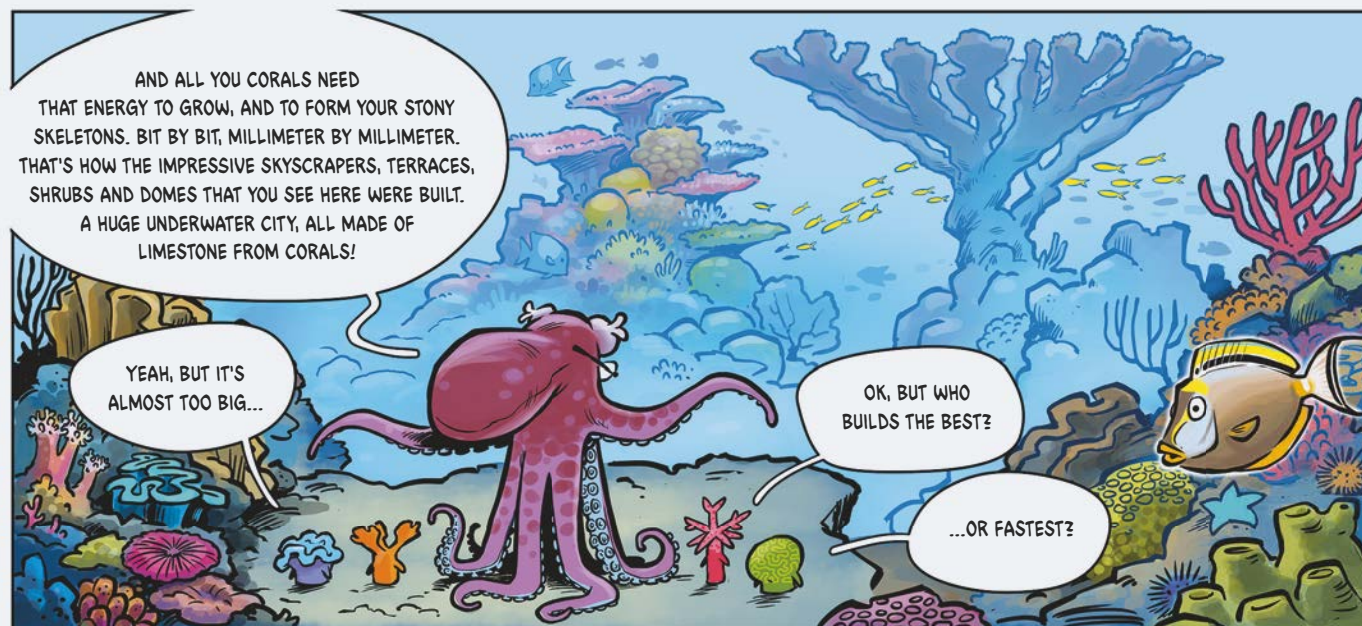














DOC KRAKEN'S COUSINS

OCTOPUSES ARE A  
SMART ANIMALS WHO  
CAN CLASS C

A cartoon illustration of a yellow octopus with large blue spots. It has a large green eye and is shown from a side profile, facing right. The octopus is set against a light blue background.

ELKHORN CORALS GROW IN THE SUNLIGHT SHALLOW WATERS OF THE CARIBBEAN. THEY SHIELD THE COAST BY ABSORBING WAVE ENERGY WITH THEIR 'ANTLERS'. SOME DECADES AGO, THEY FORMED A PROTECTION BELT ALONG THE COASTLINE. TODAY, THERE ARE OFTEN ONLY SINGLE ELKHORN COLONIES LEFT AND THE SPECIES CAN BE FOUND ON THE RED LIST OF ENDANGERED SPECIES. DO YOU THINK THEIR 'ANTLERS' LOOK LIKE THE ONES OF A MOOSE?

# STONY CORALS BUILD UP THE REEFS

# THE MIGHTIEST ARCHITECTS

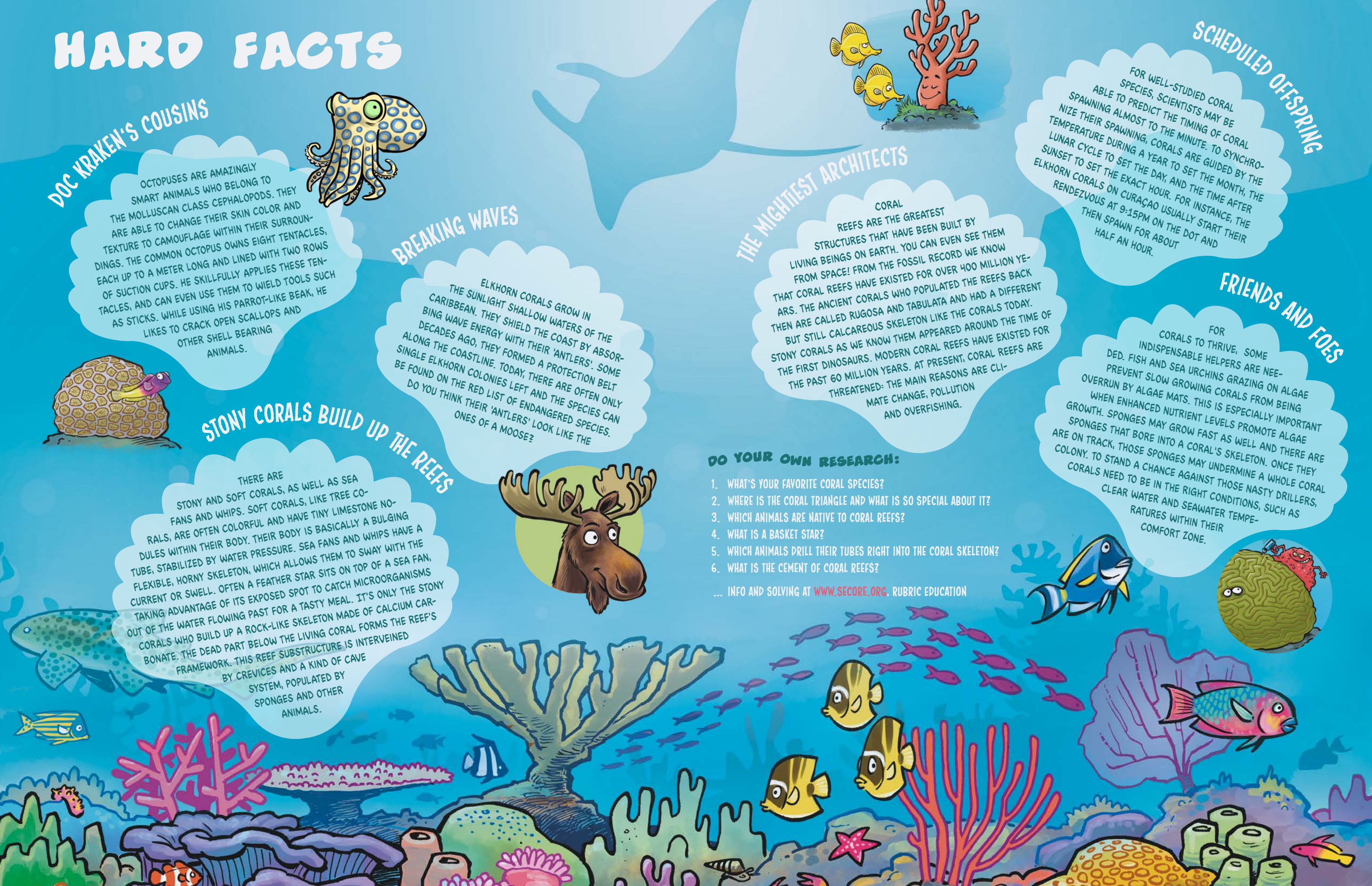
# SCHEDULED OFFSPRING

# FRIENDS AND FOES

## DO YOUR OWN RESEARCH:

1. WHAT'S YOUR FAVORITE CORAL SPECIES?
2. WHERE IS THE CORAL TRIANGLE AND WHAT IS SO SPECIAL ABOUT IT?
3. WHICH ANIMALS ARE NATIVE TO CORAL REEFS?
4. WHAT IS A BASKET STAR?
5. WHICH ANIMALS DRILL THEIR TUBES RIGHT INTO THE CORAL SKELETON?
6. WHAT IS THE CEMENT OF CORAL REEFS?

... INFO AND SOLVING AT [WWW.SECORE.ORG](http://WWW.SECORE.ORG), RUBRIC EDUCATION

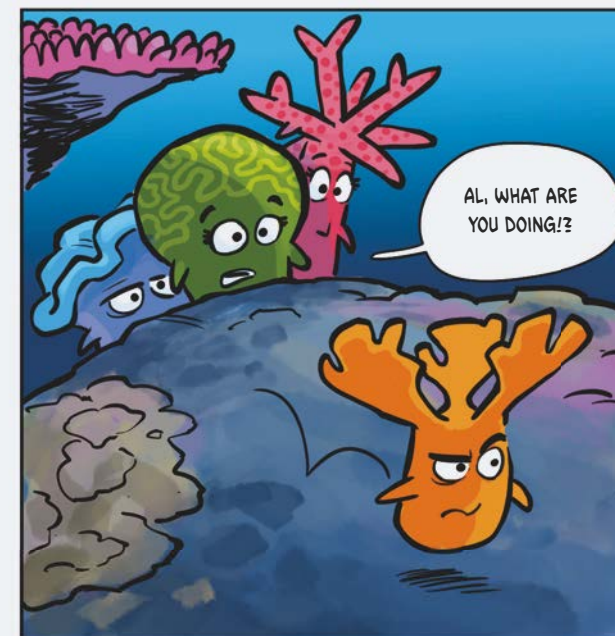
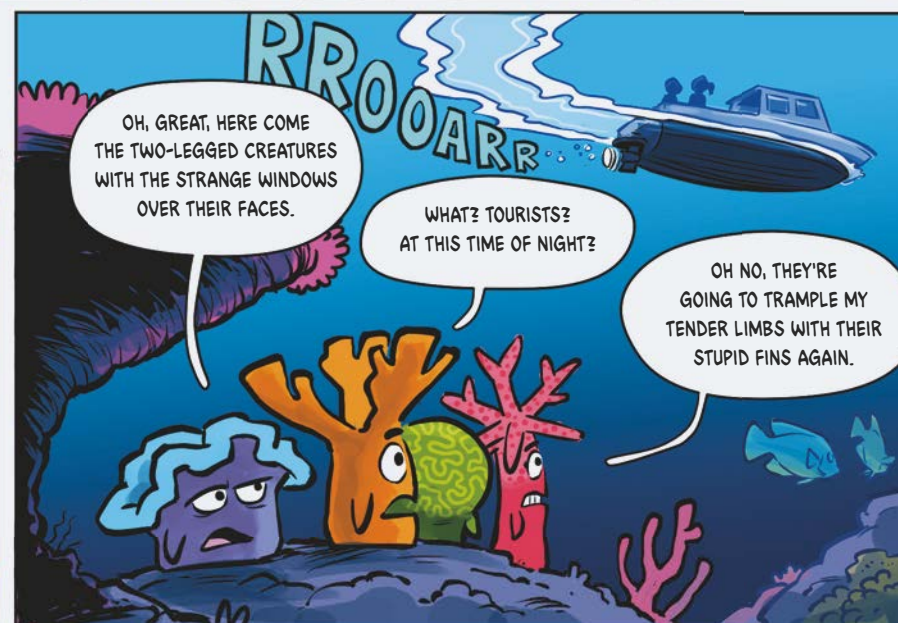




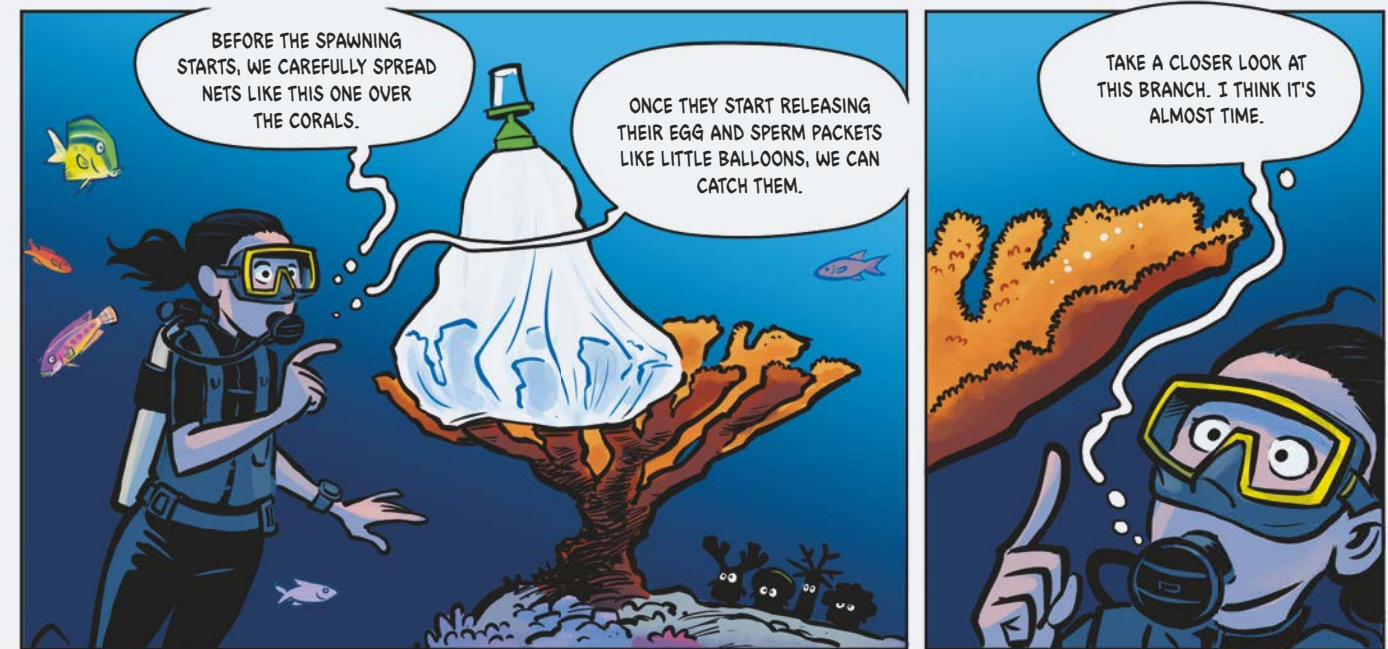
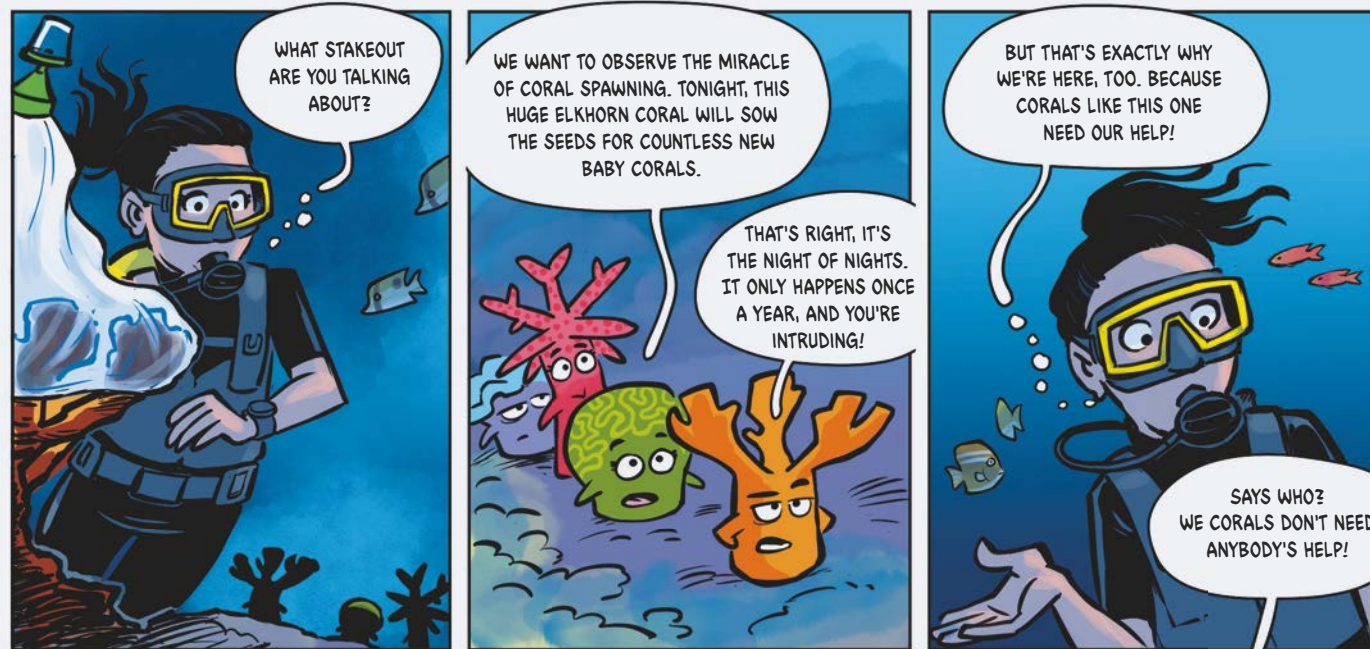
# UNDER AUGUST'S FULL MOON

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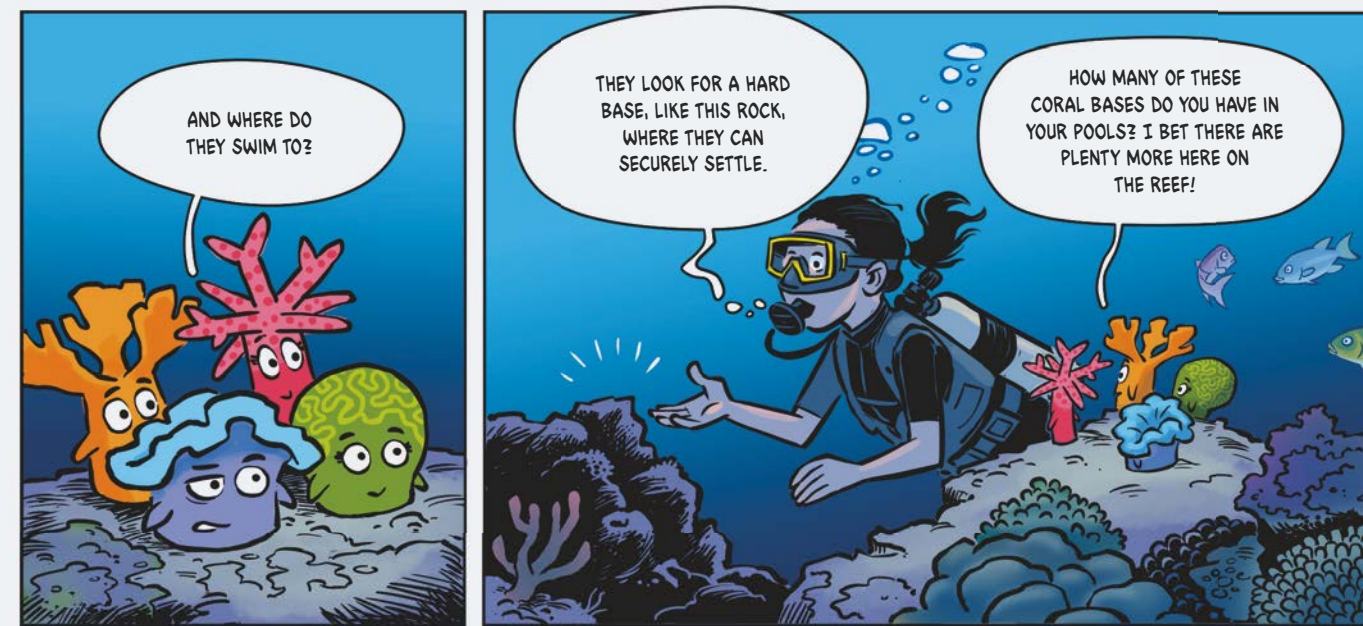
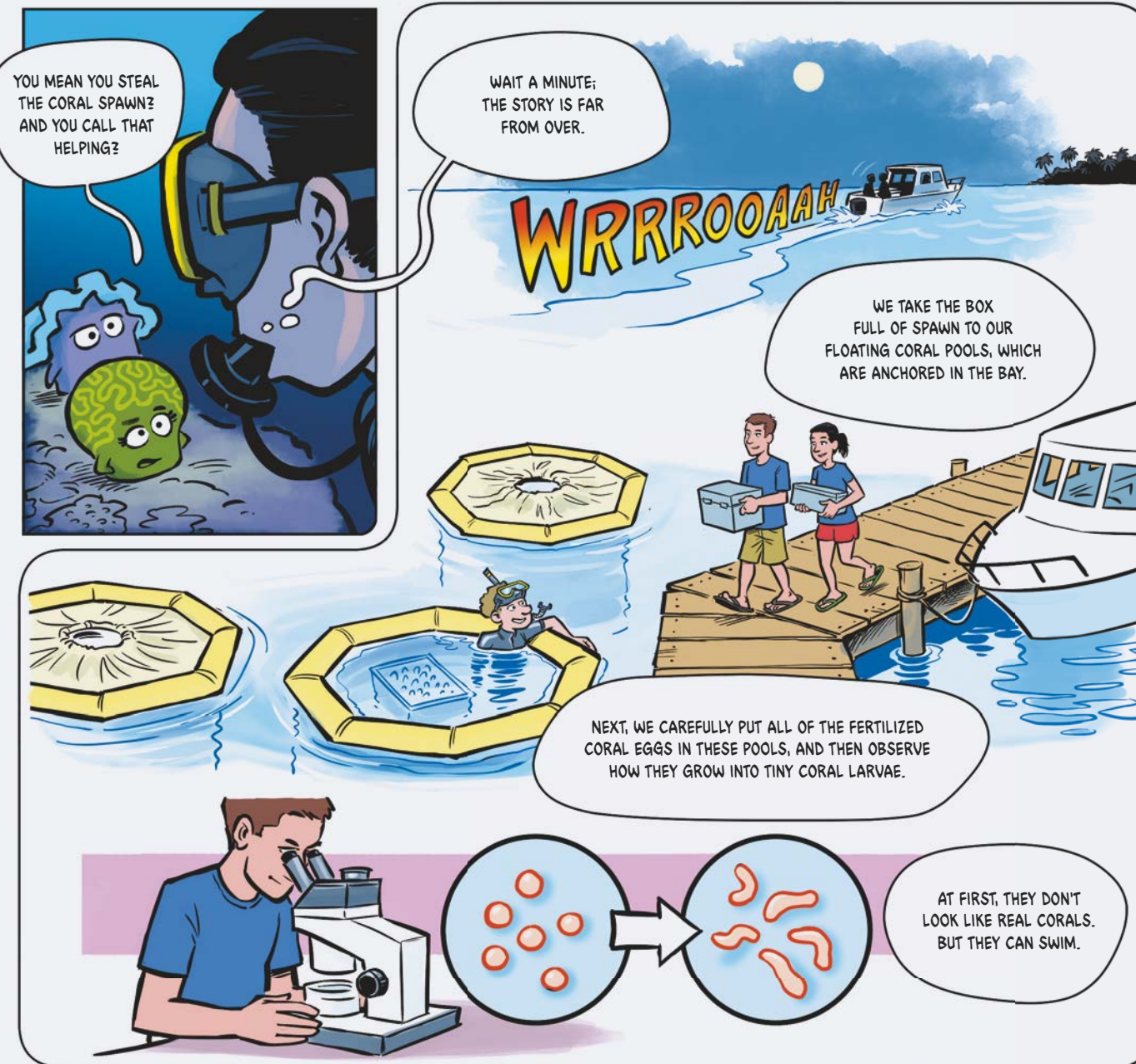
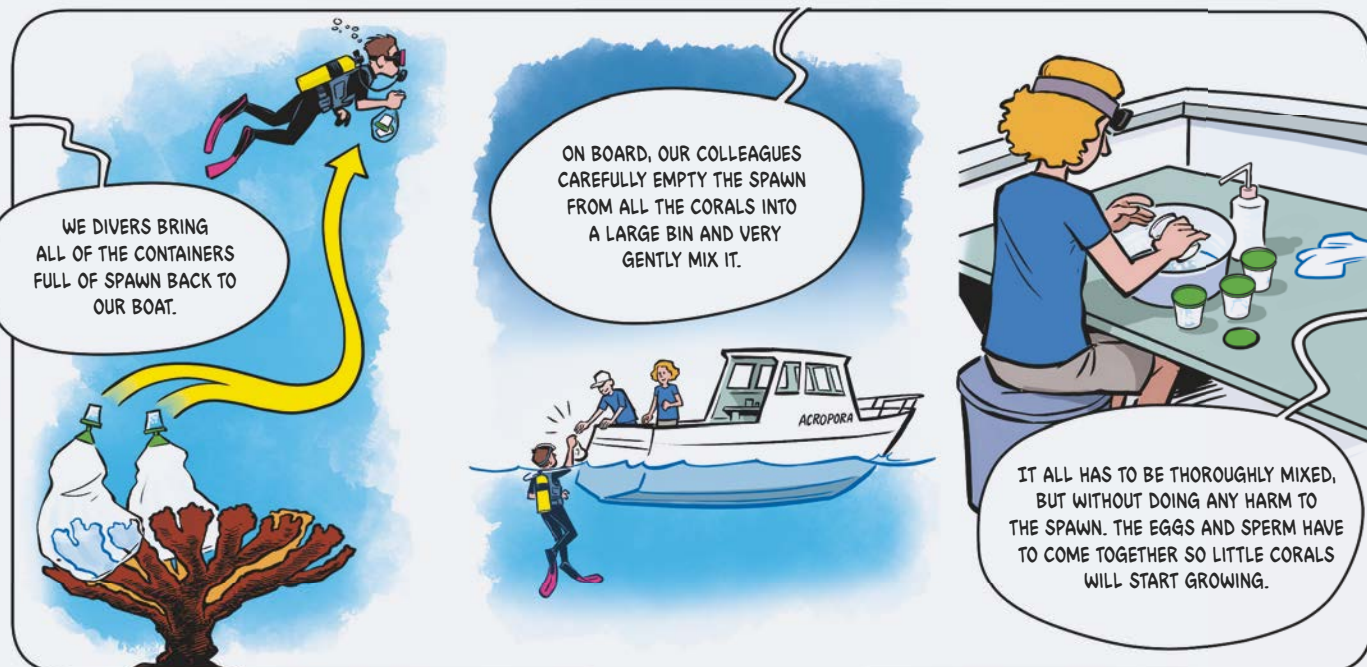
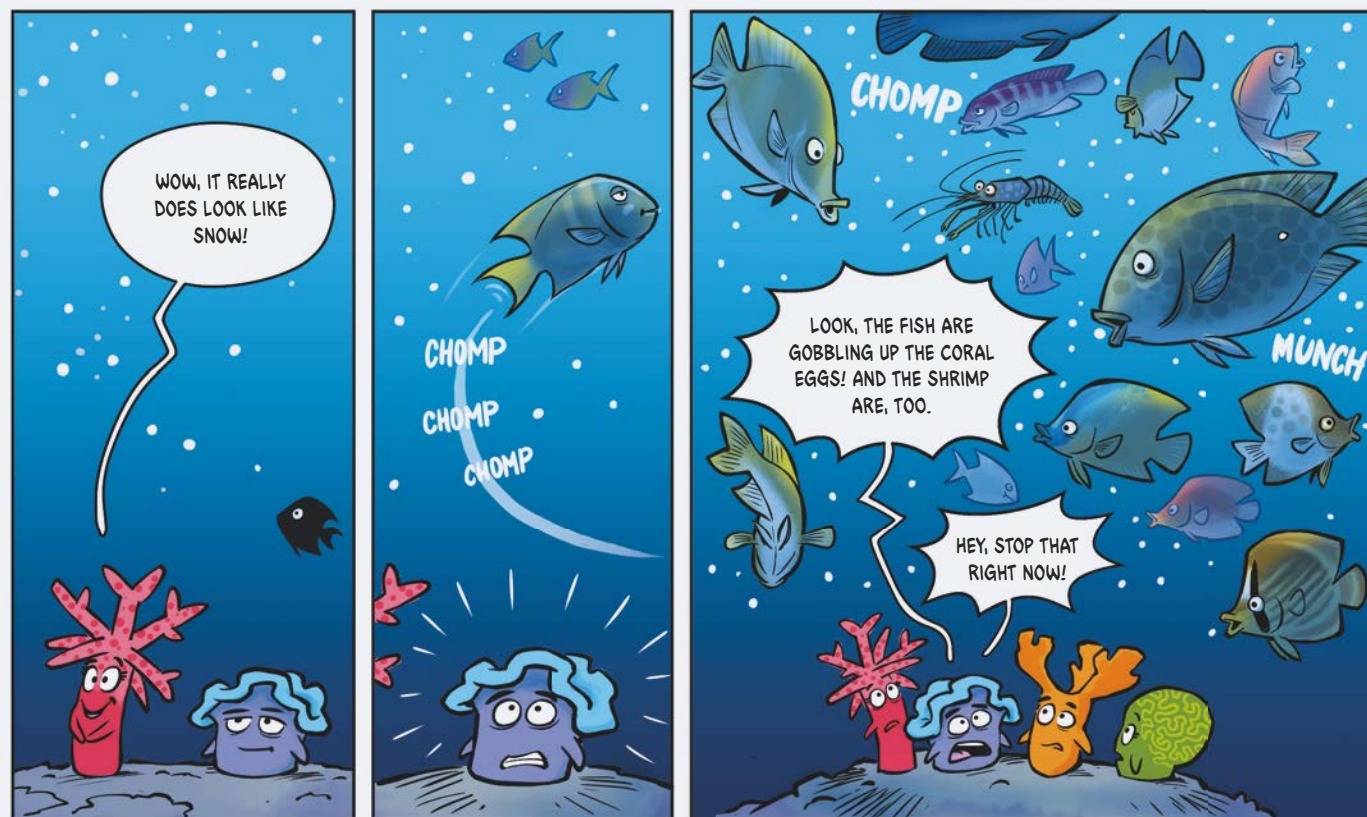
TOWABONGA REEF, NEAR A SMALL TROPICAL ISLAND. IT'S 9 P.M. ON THE NIGHT OF THE FULL MOON IN AUGUST.



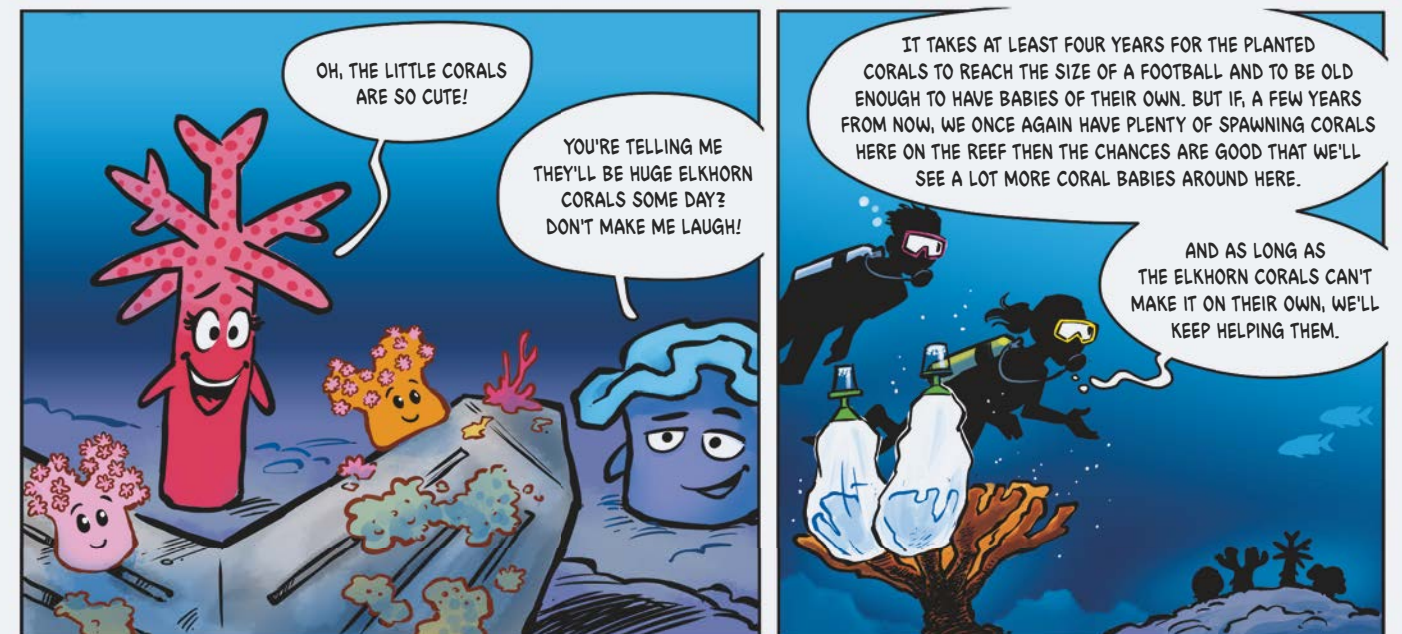
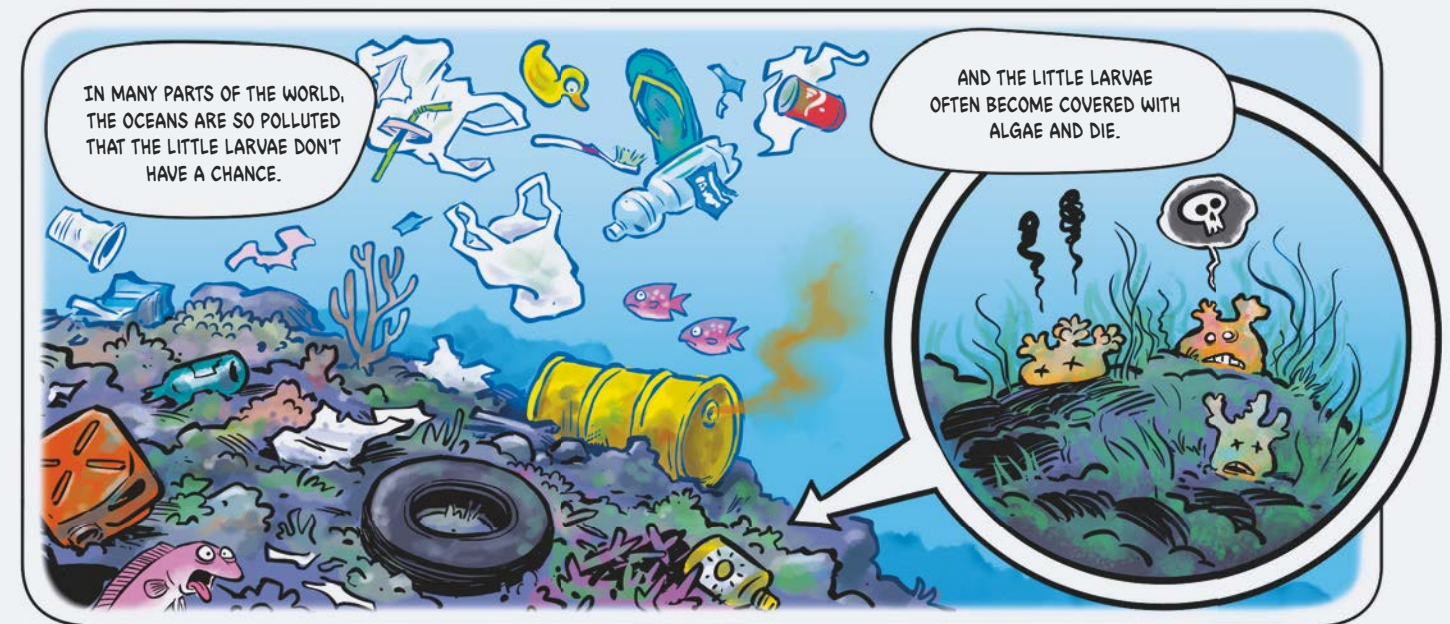
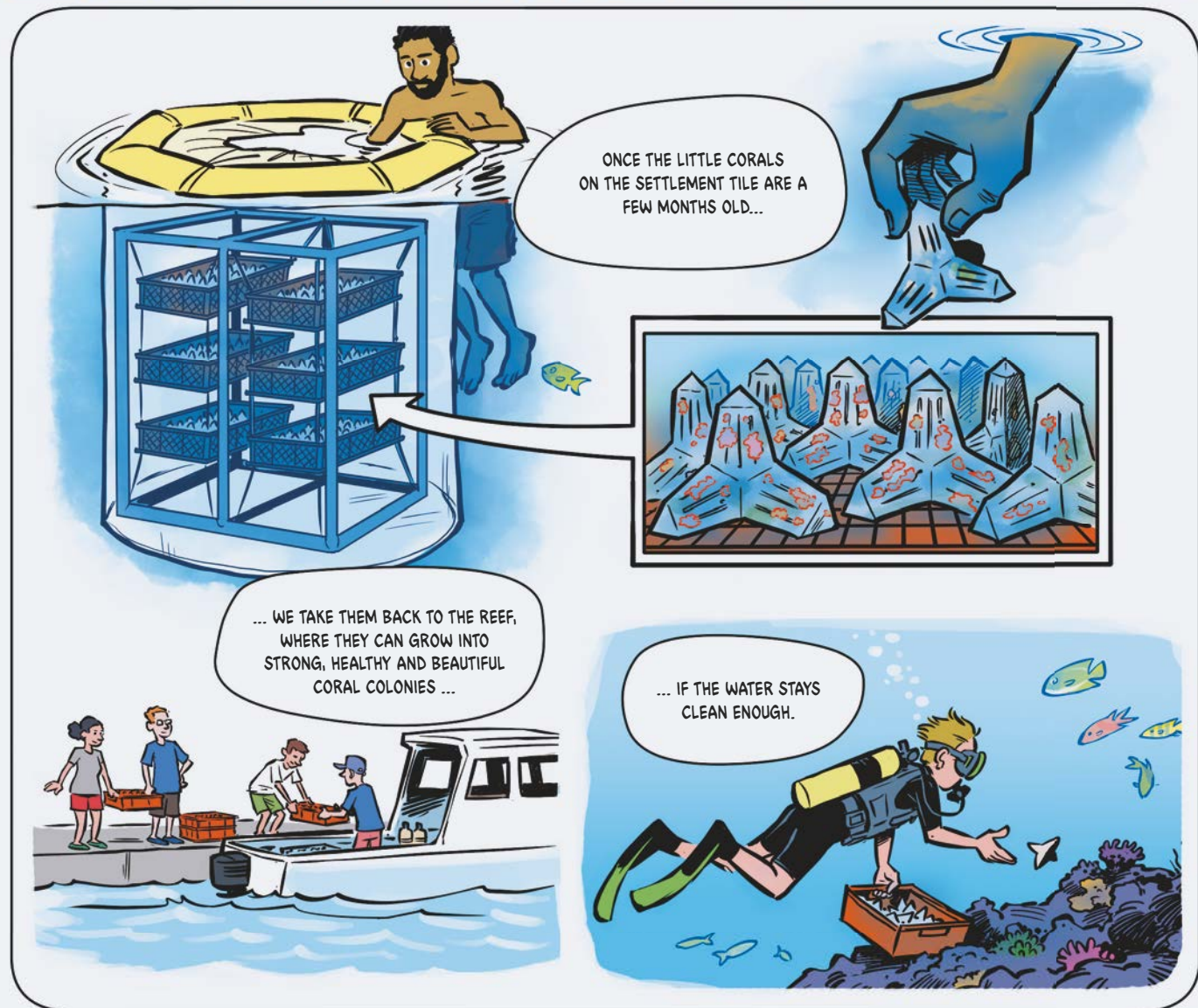
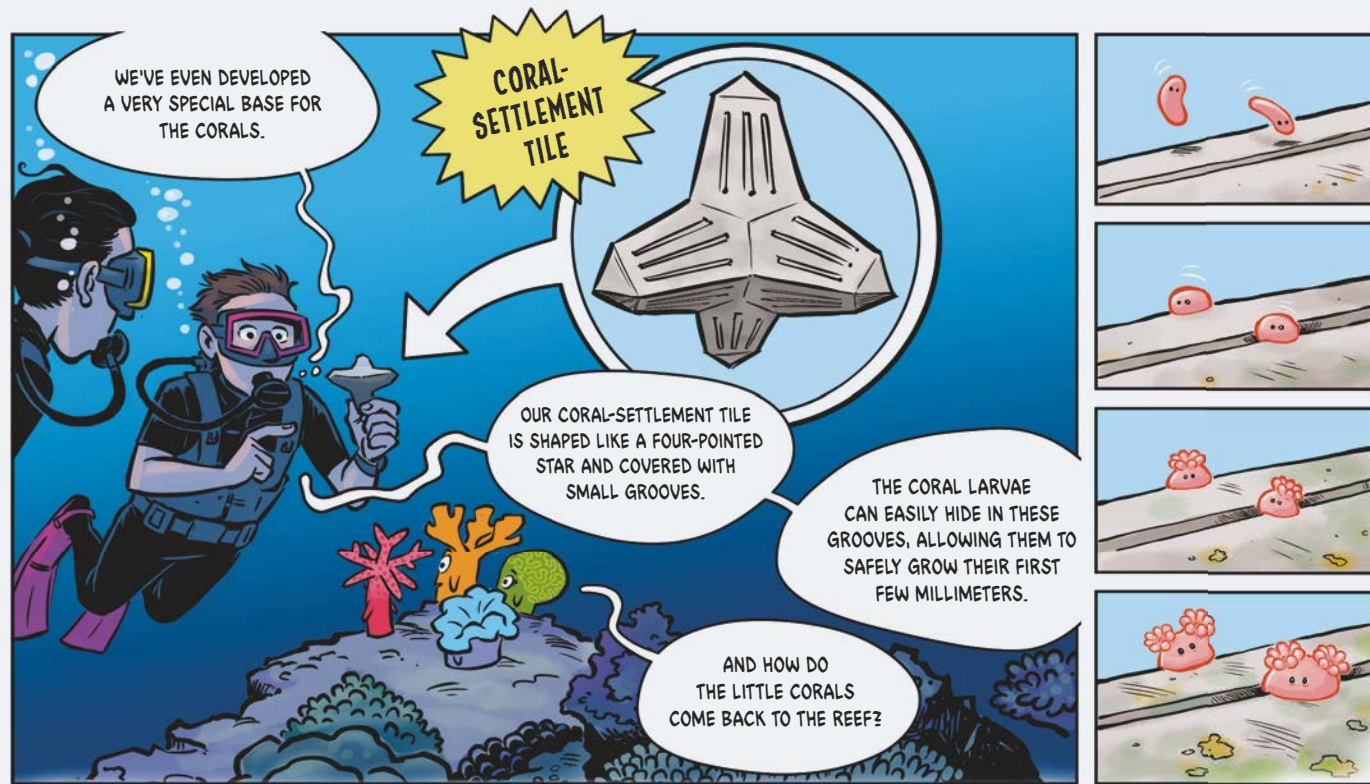




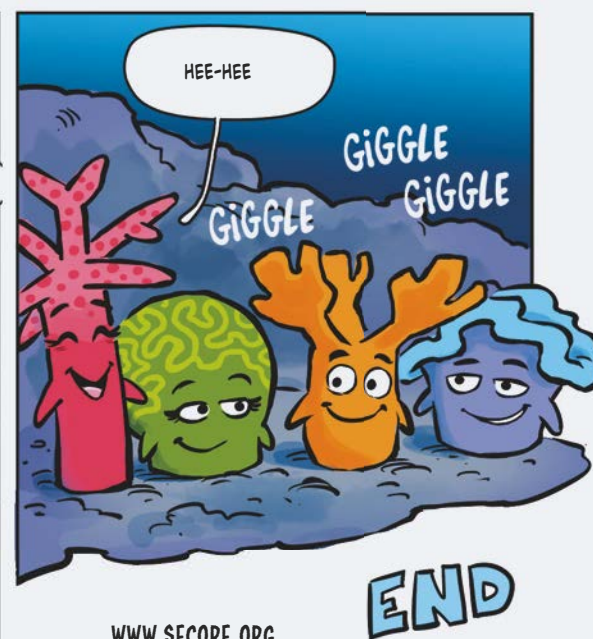
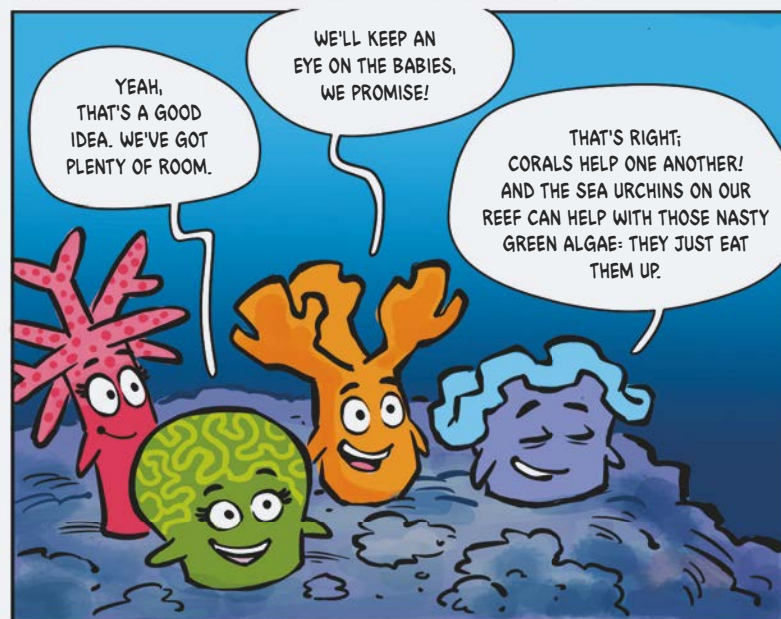






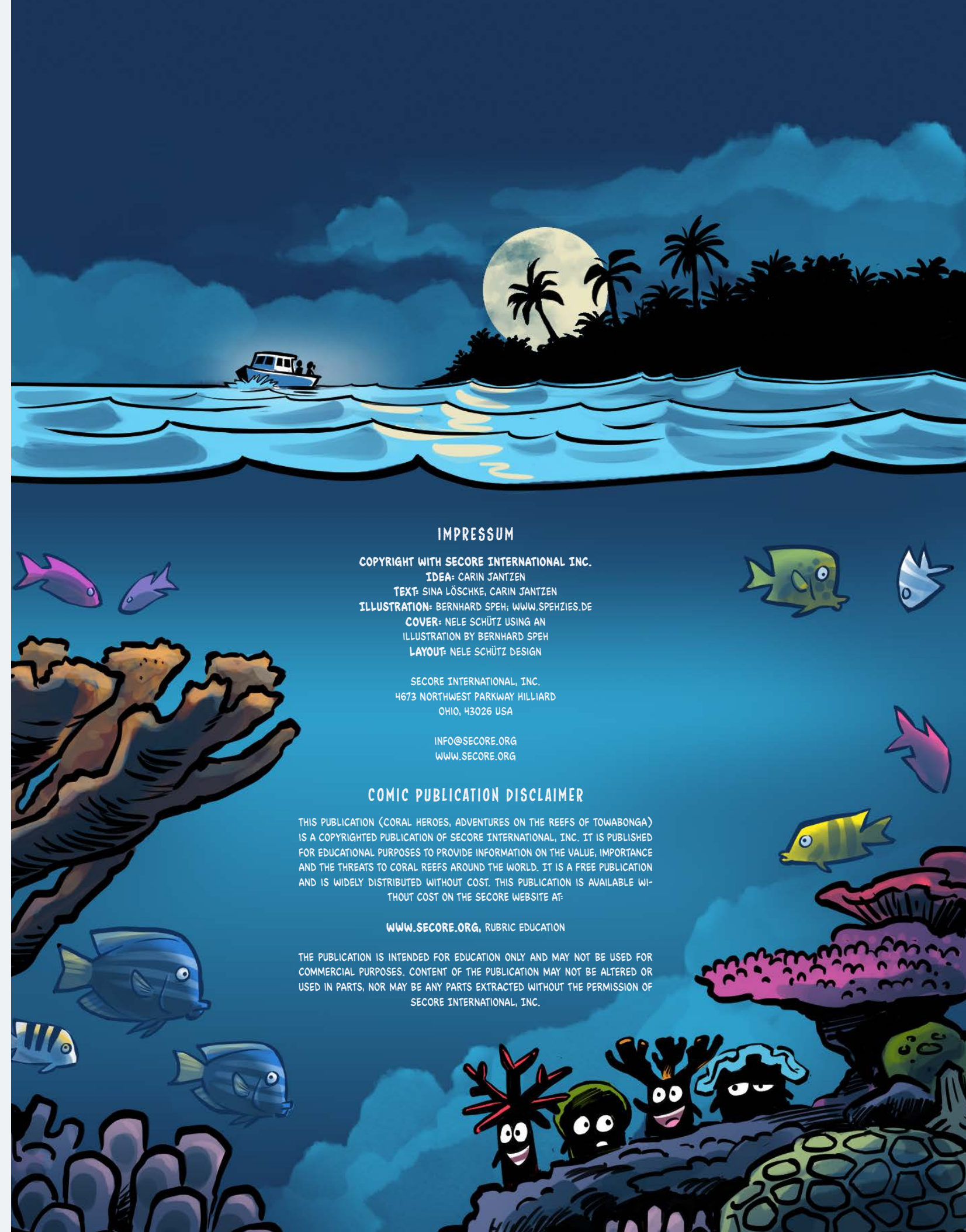






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SECORE INTERNATIONAL, INC.  
 4673 NORTHWEST PARKWAY HILLIARD  
 OHIO, 43026 USA

INFO@SECORE.ORG  
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