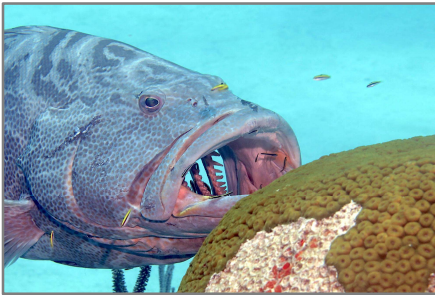


In Class Activity Sheet – Underwater Symbiosis

You're the scientist! Today we want you to help our CCMI scientist spot symbiotic relationships on the reef. When you think you see a symbiotic relationship, decide if it is: **mutualism** (where both organisms benefit), **commensalism** (where one organism benefits and one remains unaffected), or **parasitism** (where one organism benefits and the other suffers). Below are some examples of underwater symbiosis; however, there are many more to discover! When you spot a symbiotic relationship, using the cut-out faces below, decide if it is **mutualism**, **commensalism**, or **parasitism** by placing the correct cut-out over that relationship. Be sure to ask our scientist if you think you have spotted a new example of symbiosis or have any questions! Thanks for your help; enjoy the dive!



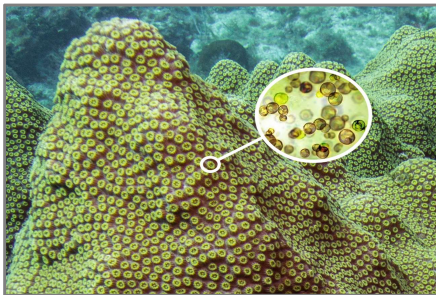
grouper and cleaner gobies



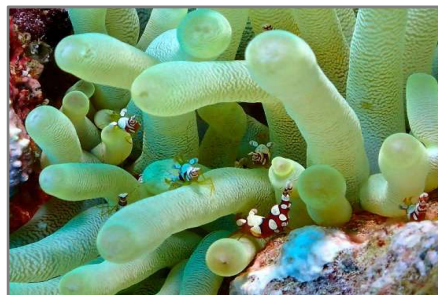
bar jack and southern stingray



soldierfish and isopod



corals and zooxanthellae

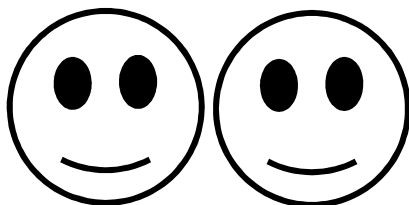


shrimp and anemone



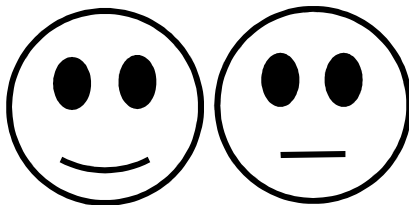
damselfish and coral

Cut Here ✂



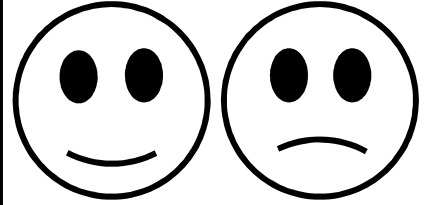
Mutualism

(Both organisms benefit)



Commensalism

(One benefits, one is unaffected)



Parasitism

(One benefits, one suffers)