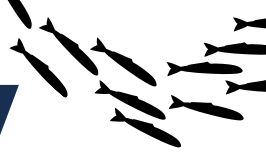


Predator vs. Prey



Your Fish Design:

Predators

Body Shape:

Fins:

Mouth Type:

Skin:

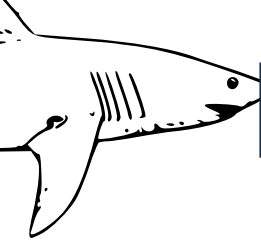
Prey

Body Shape:

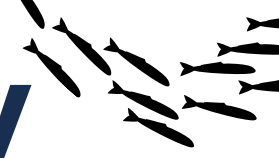
Fins:

Mouth Type:

Skin:



Predator vs. Prey



Importance of Body Shape

Body shape relates to environment and lifestyle. Use the following as a guide for the type of lifestyle your fish will live.



Fusiform



Tuna



Built for speed and less drag



Laterally Compressed



Tang



Great for swimming in tight spaces and quickly turning



Ribbonlike



Moray Eel



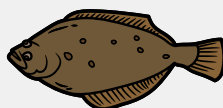
Built to hide in crevices, can swim backwards



Flattened



Flatfish



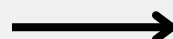
Good for blending in on flat bottoms



Globular



Rockfish



General body type, has wide pectorals to sit



Predator vs. Prey

Importance of Mouth Type

Mouth shape reflects diet, relate these predators diets to their desired prey.

Whale Shark



Tuna



Great White Shark



Sea Urchin



Mako Shark



Sea Lion



Tiger Shark



Zooplankton



Horn Shark



Sea Turtle

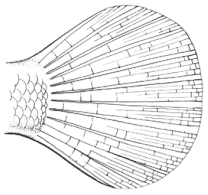




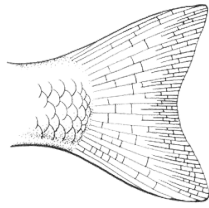
Predator vs. Prey

Importance of Tails

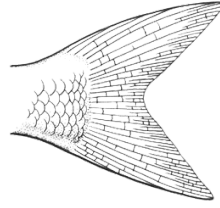
Tails or caudal fins can be utilized by predators and preys in a variety of ways.



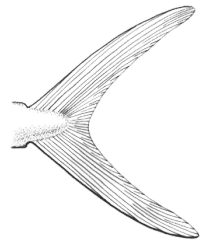
Paddle



Truncated



Forked



Lunate

Paddle tails are made for short bursts, whereas lunate are fast long distance swimmers.

Importance of Skin

Many fish use their skin for camouflage. This has benefits for both prey and predators. Can you find the fish in the below pictures?



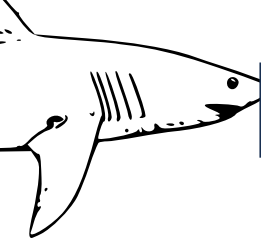
Flatfish



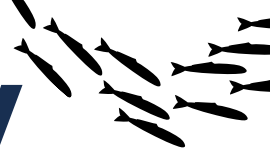
Stonefish



Frogfish



Predator vs. Prey



Your Revamped Fish Design:

Predators

Body Shape:

Fins:

Mouth Type:

Skin:

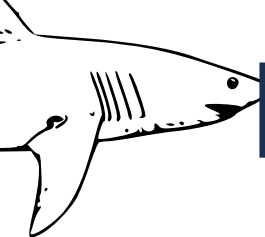
Prey

Body Shape:

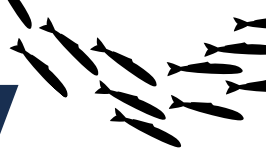
Fins:

Mouth Type:

Skin:

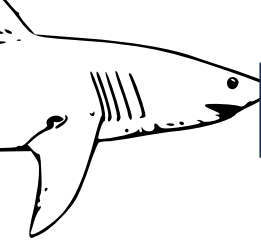


Predator vs. Prey

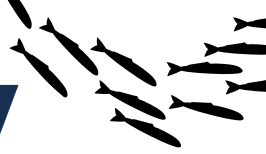


Your Revamped Fish Design:

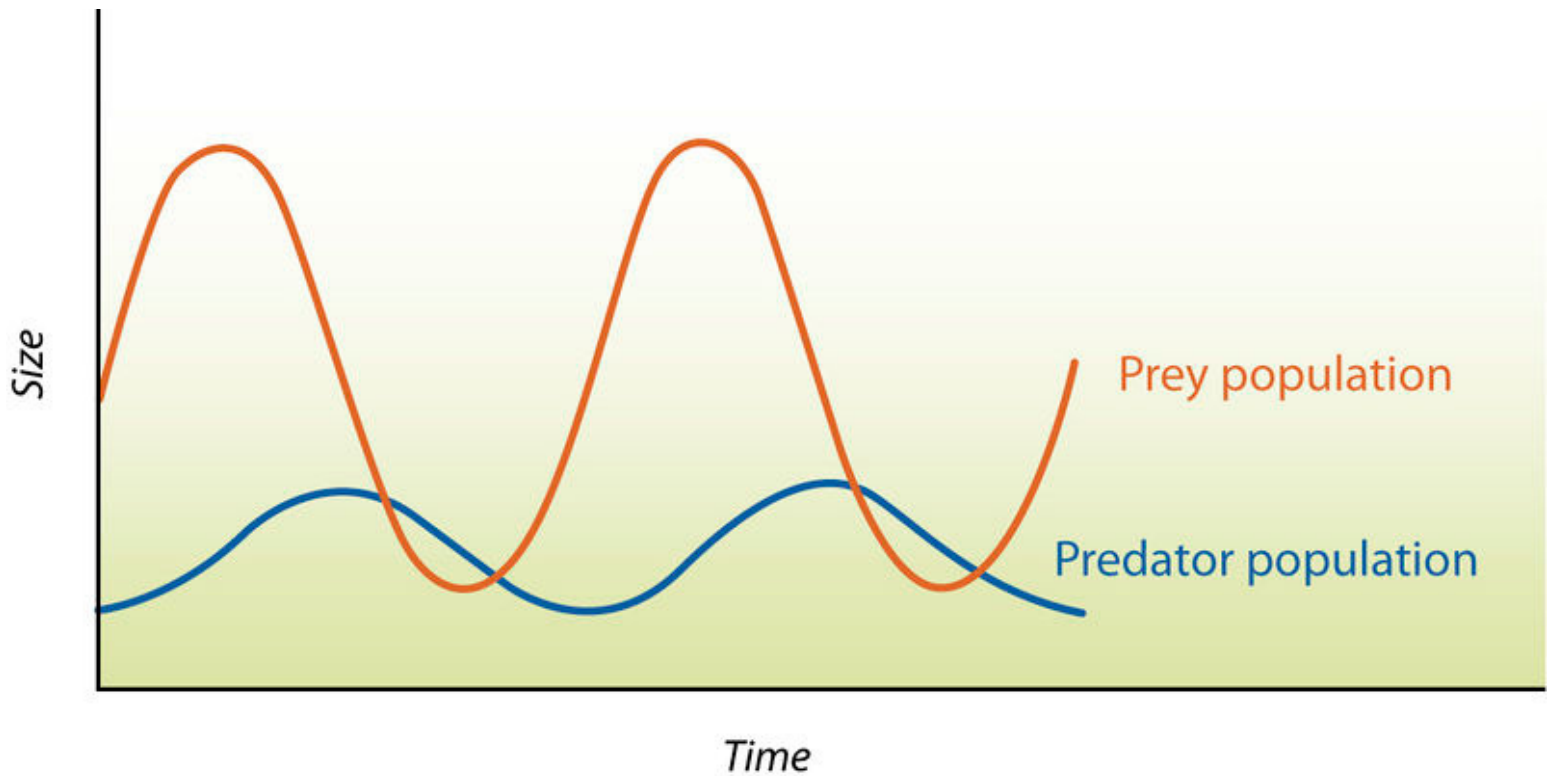
Describe how your fishes design has a specific lifestyle.



Predator vs. Prey

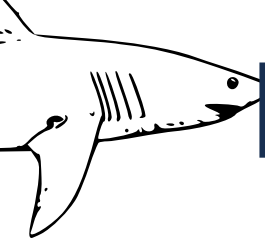


Predator Prey Dynamics

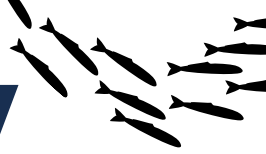


1. How are the two populations related?

2. Describe what might happen if predator population went down, how might this effect prey population in the long run.



Predator vs. Prey



Importance of Predators, Sharks

1. How do sharks contribute to the ecosystem?

2. What might happen if all the sharks in the area disappear?

3. Why is it important to practice shark conservation? What are some ways we can protect sharks?