

Jawless and Cartilaginous Fish Webquest

Videos

Jawless Fish

Hagfish slime <http://dsc.discovery.com/tv-shows/other-shows/videos/nasty-by-nature-hag-fish-slime.htm>

Hagfish and shark <http://video.nationalgeographic.com/video/news/animals-news/new-zealand-hagfish-slime-vin/>

Lamprey Jobs <http://dsc.discovery.com/tv-shows/dirty-jobs/videos/sea-lamprey-exterminator.htm>

River Lamprey <http://www.arkive.org/river-lamprey/lampetra-fluviatilis/video-00.html>

Cartilage Fish

Shark Webcam 1 <http://www.georgiaaquarium.org/explore-the-aquarium/interact/web-cams.aspx>

Shark Webcam 2 <http://www.calacademy.org/webcams/sharks/>

Whale Sharks <http://www.wired.com/wiredscience/2011/05/whale-shark-gathering/>

Hammerheads <http://video.nationalgeographic.com/video/animals/fish-animals/sharks-and-rays/deadliest-hammerhead-shark/>

Sawfish <http://animal.discovery.com/tv-shows/river-monsters/videos/the-elusive-sawfish.htm>

Manta Ray <http://www.konahonudivers.com/scuba-diving-videos/manta-ray-night-dives/part1.php>

Giant Stingray <http://video.nationalgeographic.com/video/animals/fish-animals/bony-fish/giant-stingray-ani/>

Ratfish/Chimaera http://www.oceanfootage.com/video_clips/FG37_031

Ratfish/Chimaera http://oceantoday.noaa.gov/creaturesofthedeep_chimaera/

Live Cameras

KelpCam http://www.montereybayaquarium.org/efc/efc_kelp/kelp_cam.aspx

Open Sea Cam http://www.montereybayaquarium.org/efc/efc_opensea/open_sea_cam.aspx

Sites

Large skates <http://www.montereybayaquarium.org/animals/AnimalDetails.aspx?enc=Z5SIVkZ+n+WvORA2jqtJAQ==>

Questions:

1. Describe elephant fish, rabbit fish, and ratfish (chimaera).
2. Watch how a shark swims. Why could it be an advantage to have a soft (cartilage) skeleton?
3. Find pictures of different varieties of sharks. Create a collage of shark pictures.
4. What are the differences between skates and rays? (to look them up, use “skate fish”)
5. What advantages do jawed fish have over jawless fish?