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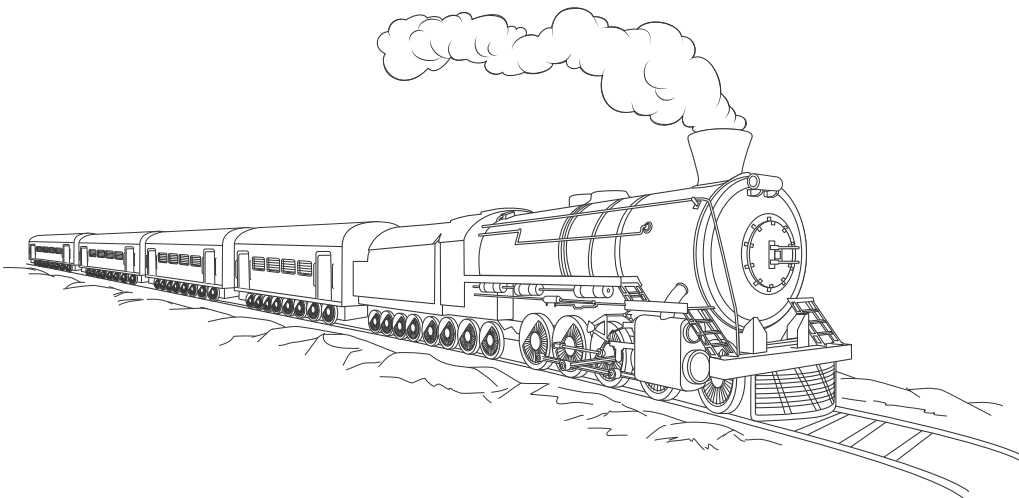
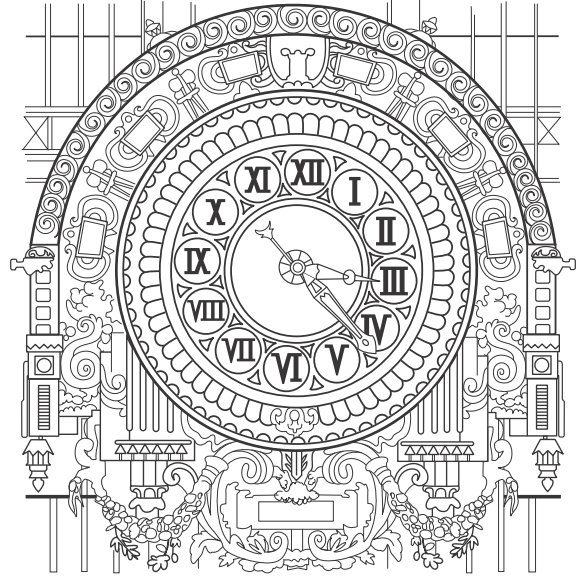
Pick a Project

Project 5A

Gold Coast Railroad Museum

The Gold Coast Railroad Museum is located in Miami and was founded in 1956. The museum is one of three official state railroad museums for the state of Florida. It was named a state railroad museum in 1984.

The Gold Coast Railroad Museum's exhibits include many historic railroad cars, such as the Western Pacific "Silver Crescent," and engines, such as the Florida East Coast "113." One of the museum's most important exhibits is the presidential railcar "Ferdinand Magellan," which was the official presidential railcar from 1943 through 1958.



Your Project Make a Model

Make a model of a train with 3 to 9 railroad cars. Decide how many seats you want the train to have. Then, determine how many people can sit in each railroad car if your train is filled to capacity with passengers. Indicate your results in your model.

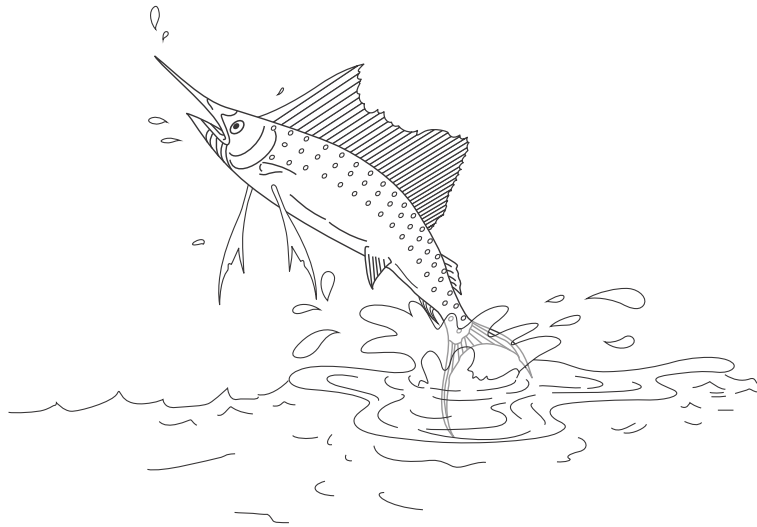
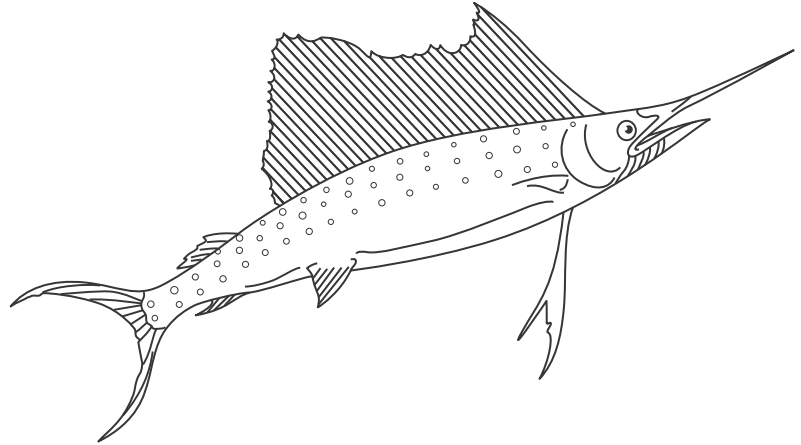
Name _____

Pick a Project

Project 5B

Atlantic Sailfish

The Atlantic sailfish is a popular game fish that is part of the billfish family, which also includes marlin and spearfish. Sailfish are known for two characteristics: a large dorsal (or top) fin and a jaw that looks like a spear. These fish are a metallic blue color with a white belly underneath.



Sailfish are thought to be the fastest fish in the ocean. Some sailfish have been recorded moving at speeds of about 68 miles per hour. But the average speed of a sailfish is between 23 and 34 miles per hour.

Your Project Make a Migration Display

Atlantic Sailfish are abundant in the Gulf of Mexico. Some of these sailfish migrate across the Gulf and travel approximately 896 miles during the months of April and May. How many miles does an Atlantic Sailfish migrate per month? per week? per day?

Create a map display of the Gulf of Mexico. Use or make a map key to summarize the sailfish migration. Share your unique map with the class.

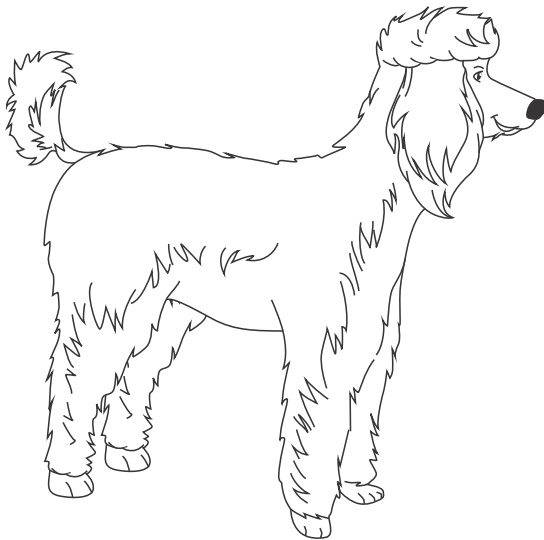
Name _____

Pick a Project

Project 5C

Portuguese Water Dog

Portuguese Water Dogs are originally from the coast of Portugal. These dogs were bred to work in the water with fishermen: herding fish into nets, retrieving nets and equipment, and taking messages between ships or between a ship and the shore. For this reason, the American Kennel Club classifies the Portuguese Water Dog as a working dog.



Portuguese Water Dogs have waterproof, nonshedding coats and webbed feet, which help them swim. Portuguese Water Dogs are usually black, brown, or black and brown. They sometimes have white spots.

Your Project Create a Brochure on Portuguese Water Dogs

A breeder has four Portuguese Water Dogs. An adult requires 4 cups of dry food a day. Dry dog food comes in 40-pound and 60-pound bags. A 60-pound bag contains about 240 cups of kibble, and a 40-pound bag contains about 160 cups of kibble. How many days will each bag of kibble last the breeder? How often will the breeder need to buy a 60-pound bag in one month? How many 40-pound bags of kibble will a breeder need to buy in one year?

Create a brochure that will be interesting to a person or family that is thinking about buying a Portuguese Water Dog. Include pictures and information, including some costs involved in owning a Portuguese Water Dog.