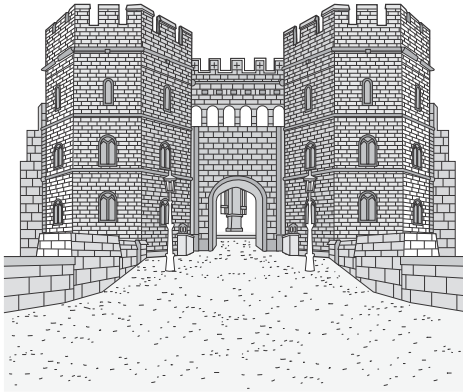


Name _____

Pick a Project

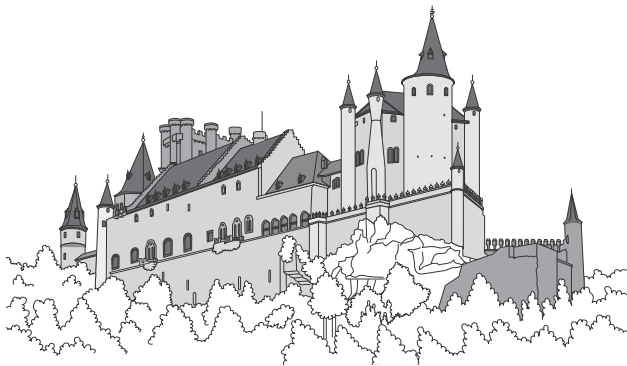
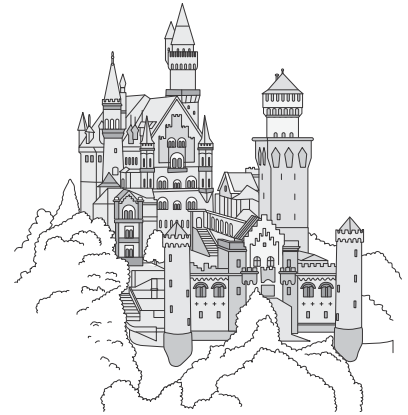
Project 12A

Beautiful Castles



Many castles were built by kings and queens hundreds of years ago. The largest castle in England is Windsor Castle.

This castle is in Germany. It was built by King Ludwig. King Ludwig also built 2 other castles.



This castle was built about 900 years ago. It is located near 2 rivers in Spain.

Your Project Build Castles

Find more pictures of castles. Use **blocks** to build 2 castles. Make up a name for each castle, such as “Dragon Castle” or “Princess Castle.” Write the names of your castles.

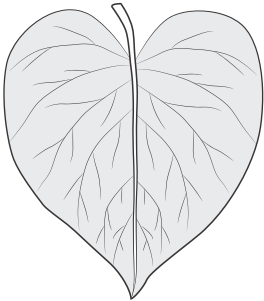
Draw a circle around the name of the castle that is the taller castle you built.

Name _____

Pick a Project

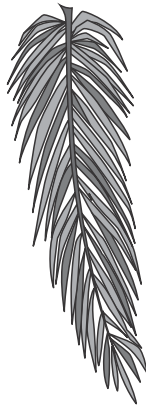
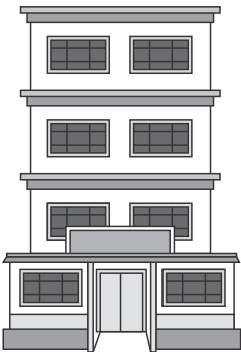
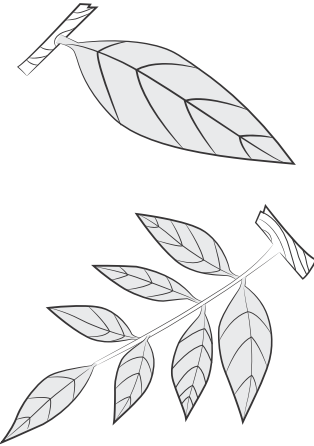
Project 12B

Lots and Lots of Leaves



Leaves help make food for a plant. Leaves have many sizes and shapes. Some leaves are even shaped like a heart.

Simple leaves have just one blade.
Compound leaves have many blades.



Some leaves are bigger than a person. Raffia palm leaves can grow taller than an office building!

Your Project Make a Poster About Leaves

Collect 5 to 10 different kinds of leaves. Paste the leaves on construction paper. Write the type of leaf, if you know it. Measure each leaf using cubes or tiles. Write the length of each leaf.

oak leaf



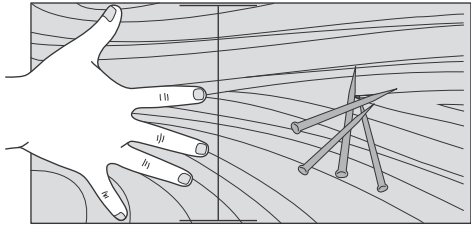
7 cubes long

Name _____

Pick a Project

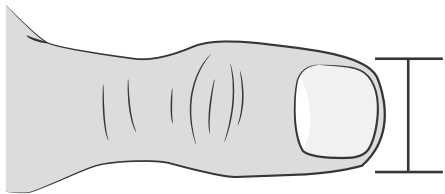
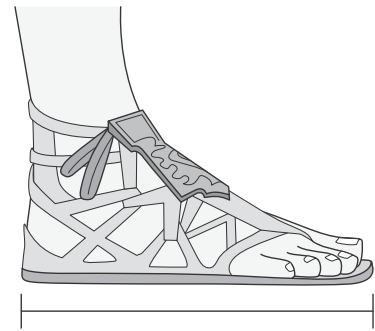
Project 12C

The King's Foot



Hundreds of years ago, people used parts of their bodies to help them measure length. A spread fingers measure was called a span.

It is said that the length of a king's foot was used to measure distances.



The width of a person's thumb was used to measure shorter lengths.

Your Project Collect Measurement Data

Use your feet to measure the length of your classroom or another space. Count your steps.



Be sure your shoes touch with each step.

Compare your measure with the measures of classmates.

Are all the measures the same?

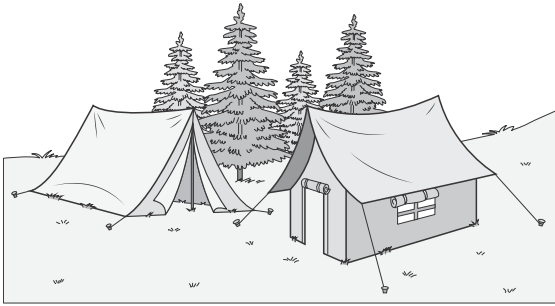
Why might the measures be different?

Name _____

Pick a Project

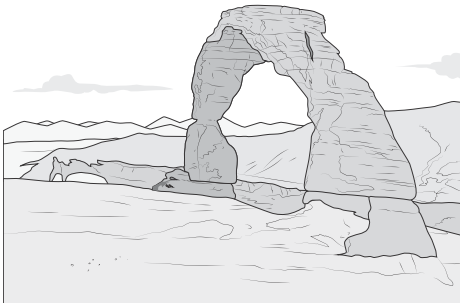
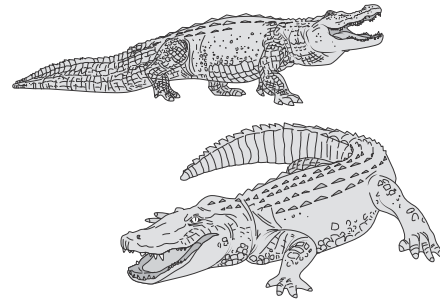
Project 12D

Let's Go Camping!



Many people enjoy camping at state parks and national parks. They also go there to hike, swim, and go boating.

You can see alligators and crocodiles at Everglades National Park in Florida.



Arches National Park in Utah has many sandstone arches and rock towers.

Your Project Draw a Campsite Map

Write about a state or national park you would like to visit.

What would you like to do there?

Draw a map of a campsite. Include different items you would find there, such as tents, a lake, a hill, and hiking trails. Measure the distance between the items on your map in cubes and in paper clips.

