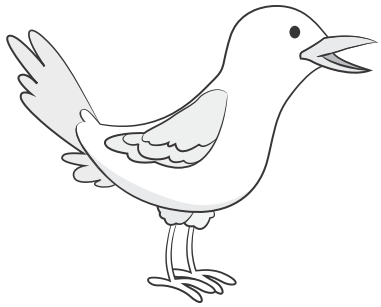
Name _____

Pick a Project

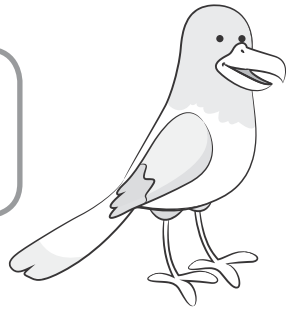
Project 2A

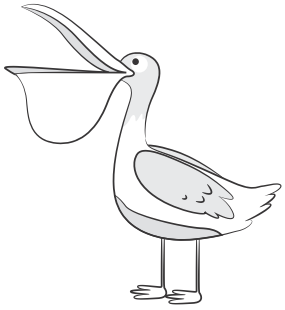
Counting Birds



The northern mocking bird is the state bird of five states: Arkansas, Florida, Mississippi, Tennessee, and Texas.

An osprey is also called a sea hawk. It lives near the water and hunts fish.





The brown pelican has a thin neck and long bill. It uses a stretchy throat pouch to catch fish.

Your Project Collect Bird Data

Count the number of blue birds, brown birds, and white birds you see each day for 5 days. Use tally marks to keep track of your data. Then, make an array for the total number of each color bird you saw. Tell whether the total numbers are even or odd.

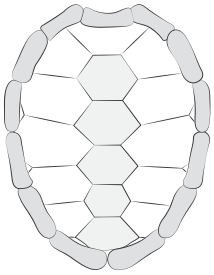
Bird Color	Tally
Blue	
Brown	
White	

Name _____

Pick a Project

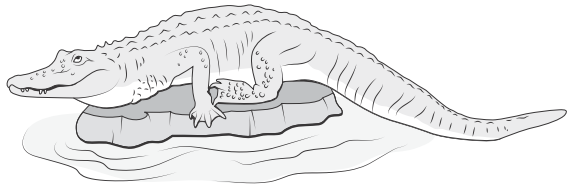
Project 2B

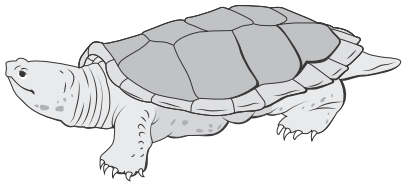
Looking at Scutes



Scutes are hard plates found on some reptiles. They fit together like puzzle pieces.

The scutes on an alligator collect heat from the sun. This keeps its body and blood warm.

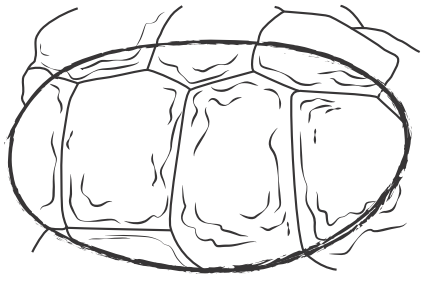




As a turtle and its shell grow, the scutes on the shell shed or peel away. This makes room for new, larger scutes.

Your Project Make a Scutes Poster

Make a poster about scutes. Find pictures of scutes on two alligators and two turtles. The scutes are usually arranged in rows and columns. Circle the rows or columns in each picture. Describe and count the scutes in each picture.



Name _____

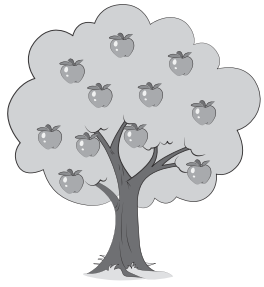
Pick a Project

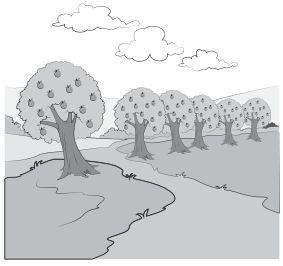
Project 2C

Planning an Orchard

A farm is land used for growing food. Some farmers grow vegetables. Other farmers raise animals.

One type of farm is an orchard. Fruit trees are planted at an orchard. There are apple, orange, and lemon orchards.





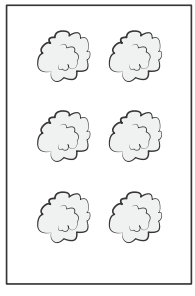
Orchards need a lot of water. The way trees are planted is important. Trees are planted in straight rows and columns.

Your Project Create an Orchard Model

Choose a fruit that grows in an orchard. Plan an orchard with up to 5 rows of trees with no more than 5 trees in each row. Each row will have the same number of trees. Use clay and toothpicks to model each tree. Write two equations that match your orchard.

Rows: ___ + ___ + ___ = ___

Columns: ___ + ___ = ___

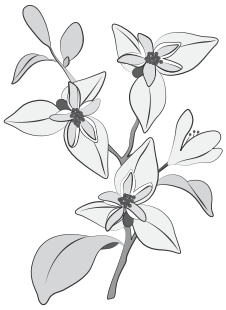


Name _____

Pick a Project

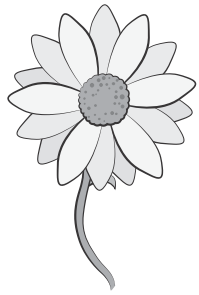
Project 2D

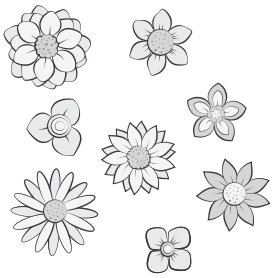
Flower Petals



There are many types of flowers in the world. Some flowers, like orange blossoms, grow on fruit trees.

Flowers have petals. Petals protect the flower. They can have bright colors. Bright colored petals attract bees.





Petals can be the size of small blossoms to large blooms. Some flowers have layers of petals. Others may have one layer.

Your Project Draw a Picture of Flowers

Draw a picture of at least 5 flowers. The flowers should have the same number of petals. Draw an array to show the number of petals for each flower. Write two equations to find the number of petals.

Columns: ___ + ___ + ___ = ___

Rows: ___ + ___ + ___ + ___ + ___ = ___