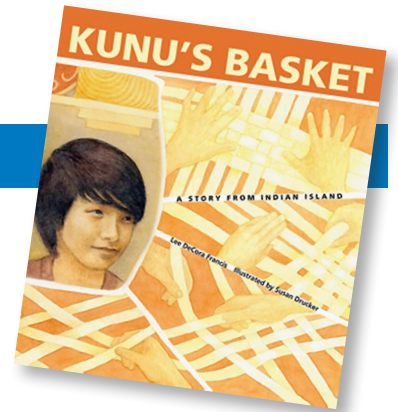


Kunu's Basket

RIF EXTENSION ACTIVITIES FOR EDUCATORS

STEAM-THEMED: SCIENCE, TECHNOLOGY, ENGINEERING, ART, MATH



SCIENCE, WRITING, ART ASHES TO ASHES

The ash tree is one of the most important trees for Penobscot basket makers. Research to find out why. Where do ash trees grow? What kind of trees are they? How tall do they grow? What's special about their wood? Share your findings on a poster or in a brochure. Include a picture of an ash tree and its leaves.

SCIENCE, WRITING, ART CORN CONCOCTIONS

American Indians first cultivated the corn we all enjoy today. There are many ways to use corn besides just eating it.



Materials: ears of corn, magnifying glasses

Closely examine an ear of corn. Come up with at least 5 different ways to use the corn besides eating it. Think of a creative way to share your ideas.

TECHNOLOGY, WRITING STEP BY STEP

Using the book, list all the different steps to making a basket. Make a PowerPoint presentation showing a step-by-step guide of how to make a basket. Illustrate your guide with pictures you find online.

ART, ENGINEERING, MATH EASY WEAVING!

Materials per student: plastic fruit or berry basket, ribbon, construction paper, stapler, scissors

"Weave" different colors of ribbon through the holes in the fruit basket. Tie off the ends. To make a handle, cut out a thin strip of construction paper and staple it to two opposite sides of the basket. For a more challenging activity, give students a specific pattern to follow or requirements to meet.

MATH, TECHNOLOGY, WRITING PERFECT PATTERNS

Go online to find three examples of basket patterns. Choose one pattern to recreate using either pattern blocks or graph paper. After making your pattern, think about and explain why patterns are important in making baskets.

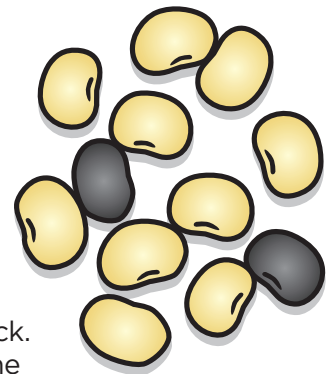
ART, WRITING GENERATION TO GENERATION

Has a relative or family friend ever taught you how to do something or shared a special tradition with you? Write them a letter to thank them for what they taught you. Explain why it was important to you and how you've used what you learned. Be sure to use proper letter format!

MATH BEAN COUNTERS

Materials per group of 6:
shallow basket, 12 dry
lima beans, black
permanent marker

Have each child color one side of two lima beans black. Place all twelve beans in the basket.



Round 1: Each child should take a turn tossing the beans in the basket. Record the results after every toss. How many white/black sides are there? Analyze the results after six tosses. What do you think will happen if you increase the number of tosses? Will there be more white sides or more black sides?

Round 2: Repeat the process for twelve tosses instead of six. Analyze the results. Were your predictions right?

