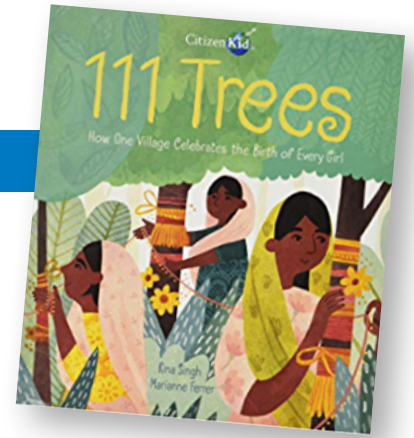


111 Trees:

How One Village Celebrates the Birth of Every Girl

RIF EXTENSION ACTIVITIES FOR EDUCATORS

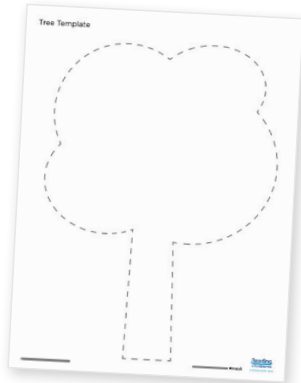
INTERDISCIPLINARY THEMES: ART, MATH, SCIENCE, WRITING



MATH

111 TREES

Highlight the value of cooperation by making 111 trees for your classroom wall. As a class, count the number of students and divide 111 by that number to determine how many trees each student needs to make to get to 111. Introduce or review **remainders** and offer to make the remaining trees yourself. Use our template to provide trees that can be cut out and colored in. Encourage students to help each other by sharing tasks or splitting tasks (i.e., someone cuts and someone colors).



SCIENCE

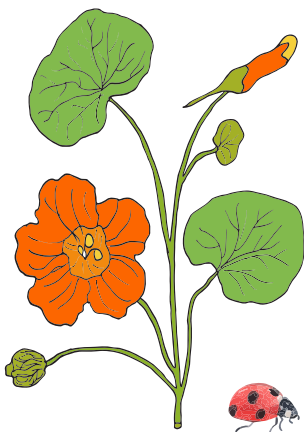
TINY IRRIGATION SYSTEMS

Use various containers (e.g., egg cartons, plastic or cardboard boxes) to create tiny fields for seedlings. Explain drip irrigation and show students images of drip irrigation systems. Provide students with containers, soil, paper cups, and straws. Have students work in small teams to design and build irrigated “fields.” If possible, plant seedlings and allow students to test their systems.

SCIENCE

PLANTS VERSUS INSECTS

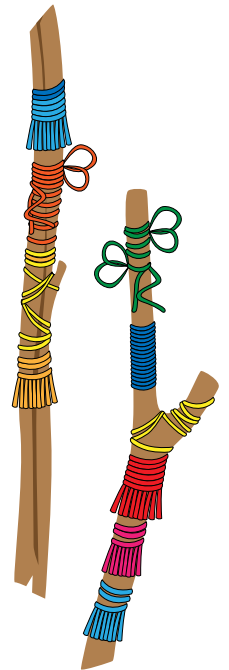
In *111 Trees*, the people in the village plant aloe vera to protect the trees from termites. Divide the class into three groups. Have each group use books and online resources to investigate one of the following: bugs that harm plants (e.g., termites), bugs that help plants (e.g., ladybugs), and plants that help plants (e.g., nasturtium, which protects tomato plants from aphids and whiteflies).



ART

YARN PENCILS (OR STICKS)

In the style of the sacred threads on the trees in Piplantri, have students create their own yarn pencils or yarn sticks to honor their uniqueness or their work in the classroom. Provide a variety of yarn, string, or thread and allow students to make their own designs. Yarn and other material can be tied onto the pencil at various points and glued or spun over, then tied again and cut off. Consider setting up a color-coded chart to assign particular meanings to the colors of yarn, string, or thread you have.



WRITING

DAUGHTER, WATER, TREES

Read the section “Why 111 Trees?” in the notes at the back of the book to the class. Sundar came up with the large number after identifying with lines the three things that were important to him: daughter, water, trees. Have students identify three things that are important to them and write a haiku for each one.

summer's yellowed lawn
beneath my tree's sombrero. . . .
grass breathes sweet relief



Tree Template

