

# MAPLE

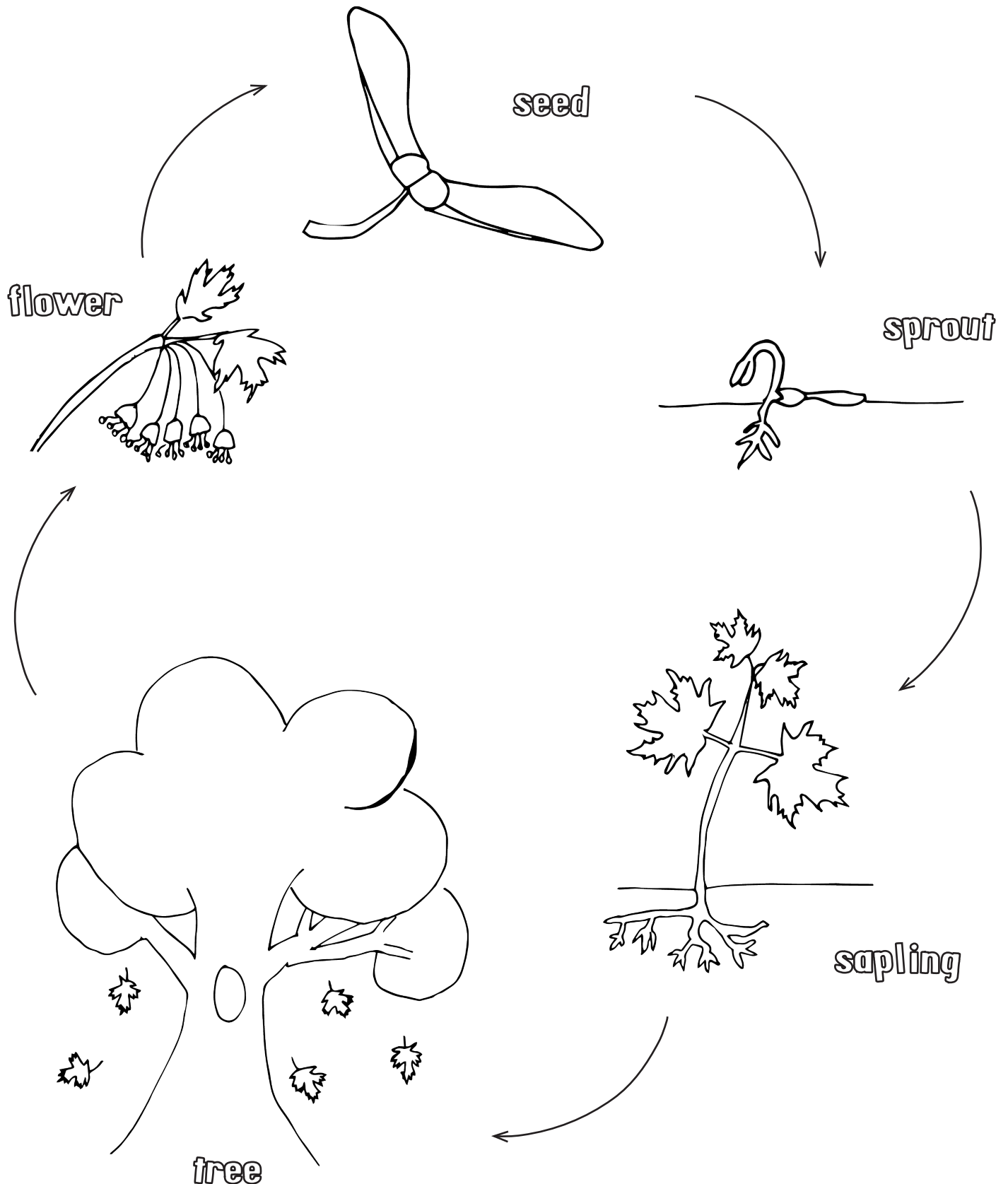
## in the classroom

NAME: \_\_\_\_\_

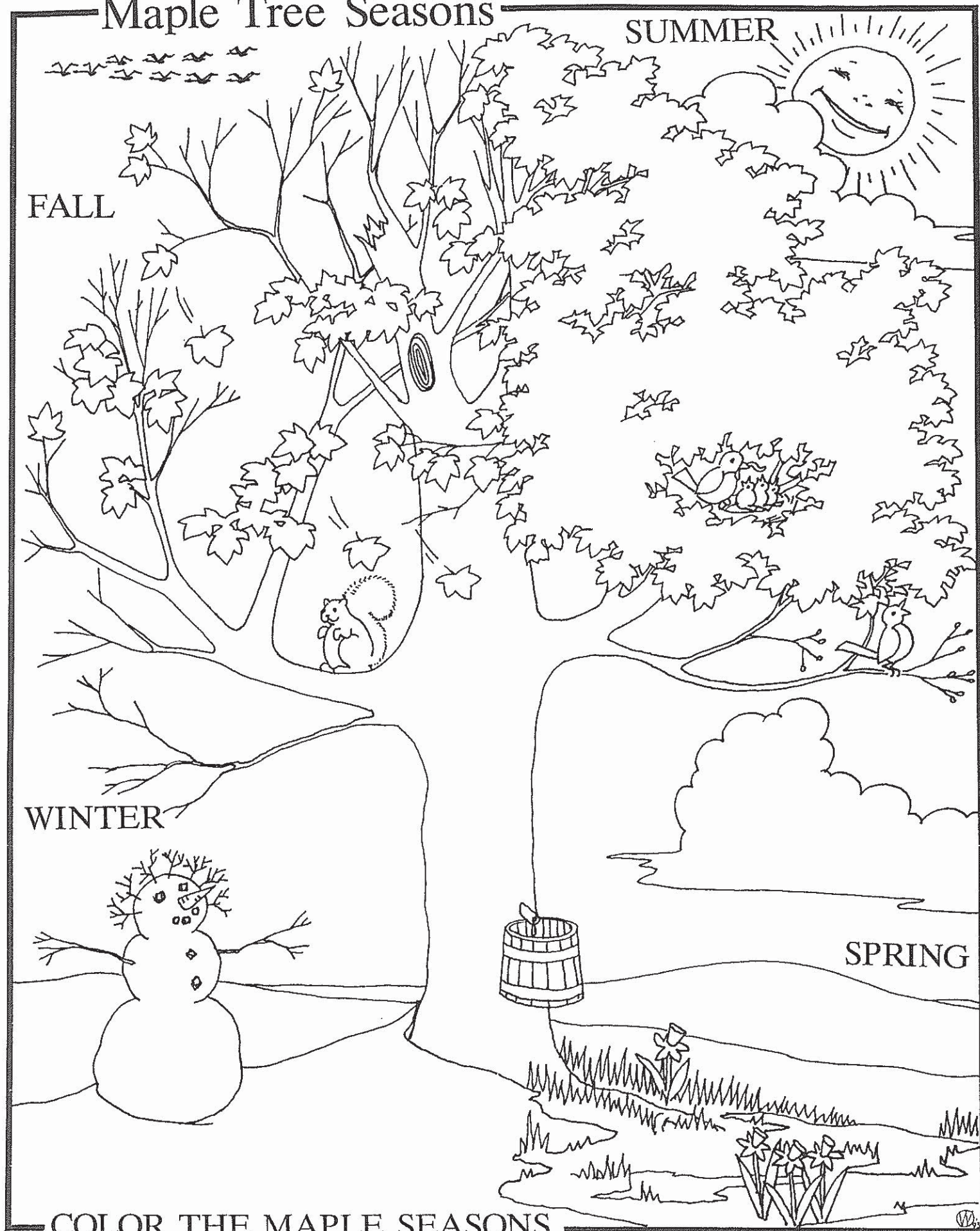


experience  
LEARNING

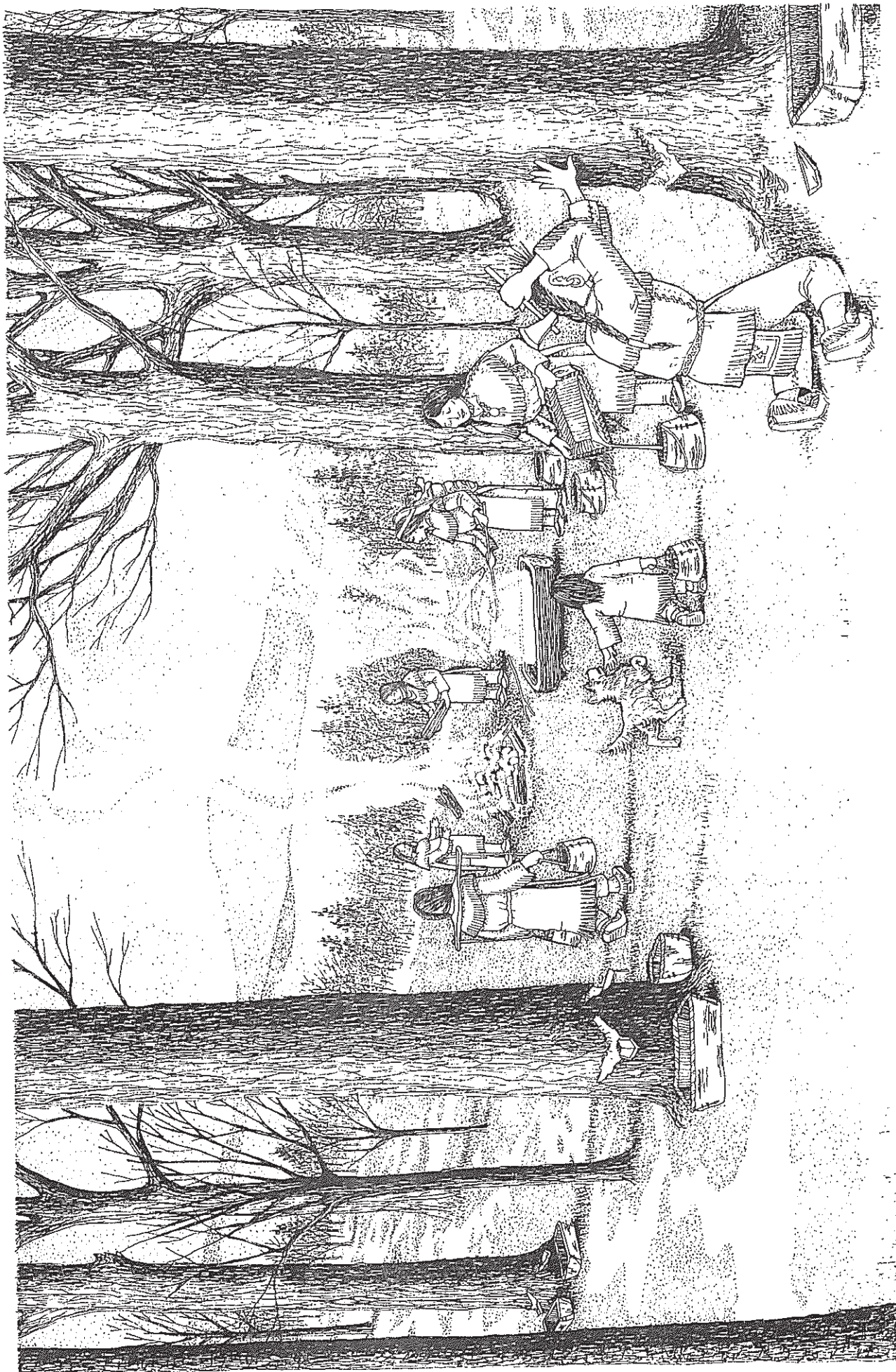
# MAPLE TREE LIFE CYCLE



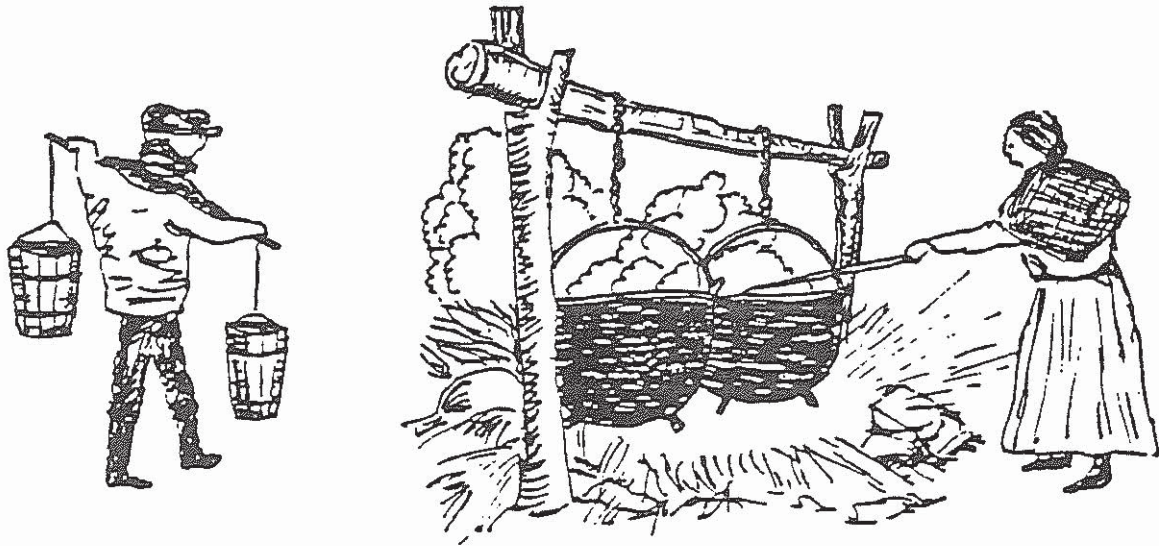
# Maple Tree Seasons







The native American Indians boiled their syrup by putting hot rocks into a hollowed out log filled with sap.



Before maple syrup evaporators were invented, syrup was boiled  
in kettles over open fires.



# Boiling the Sap

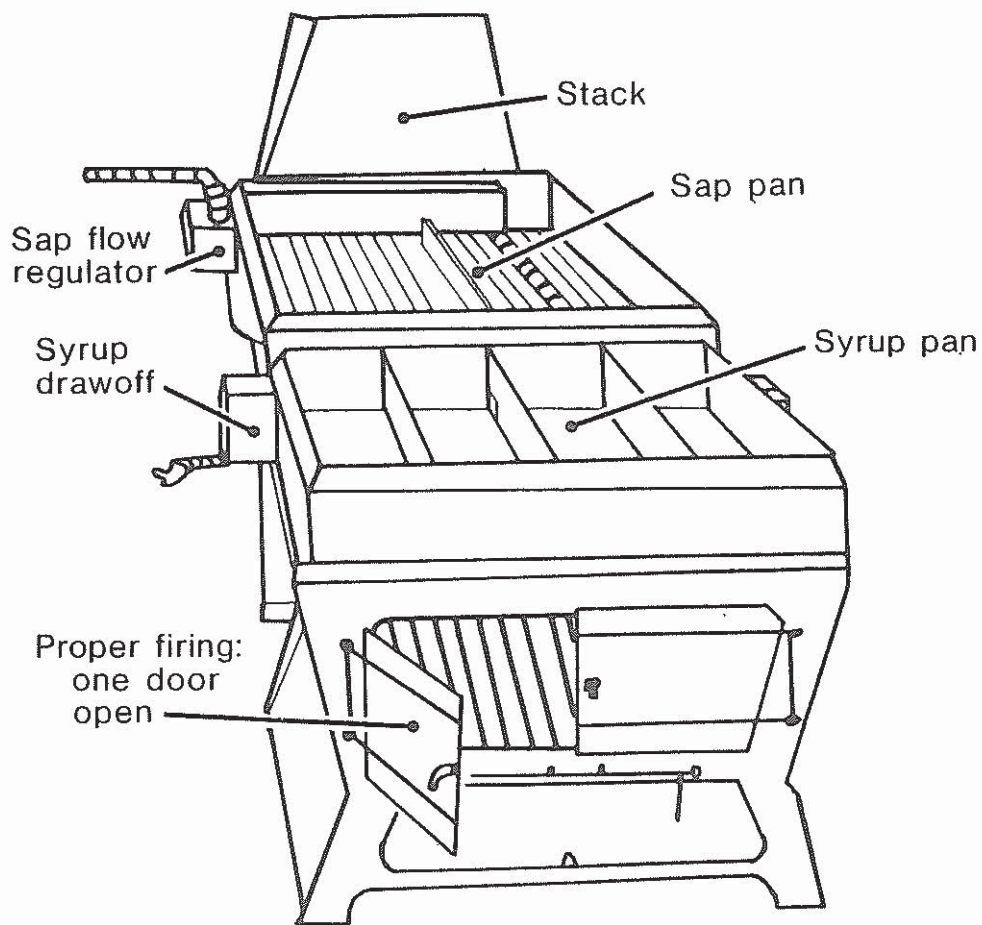


The sap must be boiled the same day it is gathered.

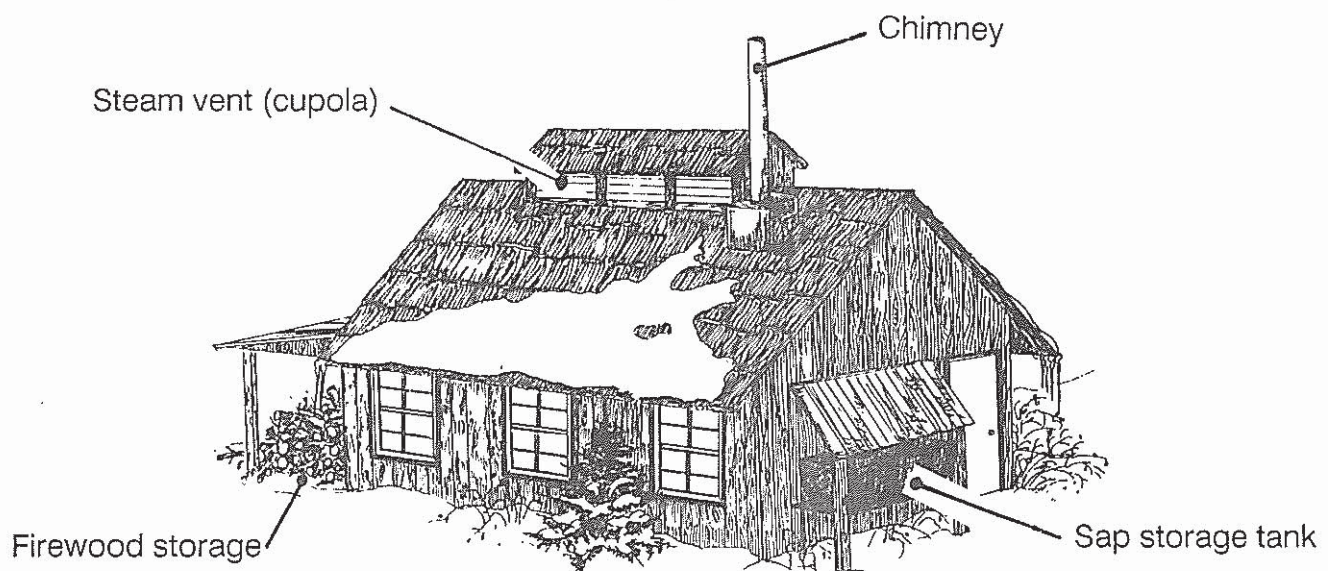
# Tapping the Trees



**It usually takes the Sugar Maple more than 40 years to grow larger than 12 inches in diameter at chest height. Then it is ready for one tap.**



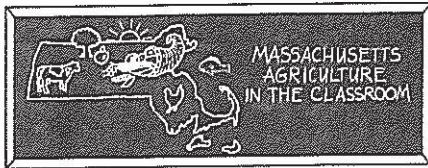
COMPLETE WOOD-FIRED EVAPORATOR



A TYPICAL MAPLE SUGARHOUSE



# Maple Counting II



1. How many maple trees have collection buckets in this sugarbush? \_\_\_\_\_
2. How many maple trees have taps? \_\_\_\_\_
3. How many total taps are on all the maple trees? \_\_\_\_\_
4. If each maple tree has one tap removed, how many total taps are in the sugarbush?  
\_\_\_\_\_



# Maples and You Contribution to the Environment

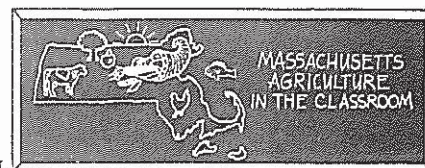


Maple trees contribute to our environment. How many contributions can you name?

1. \_\_\_\_\_
2. \_\_\_\_\_
3. \_\_\_\_\_
4. \_\_\_\_\_
5. \_\_\_\_\_

Compare your answers with fellow students.

With your teacher make a list with all the students contributing.

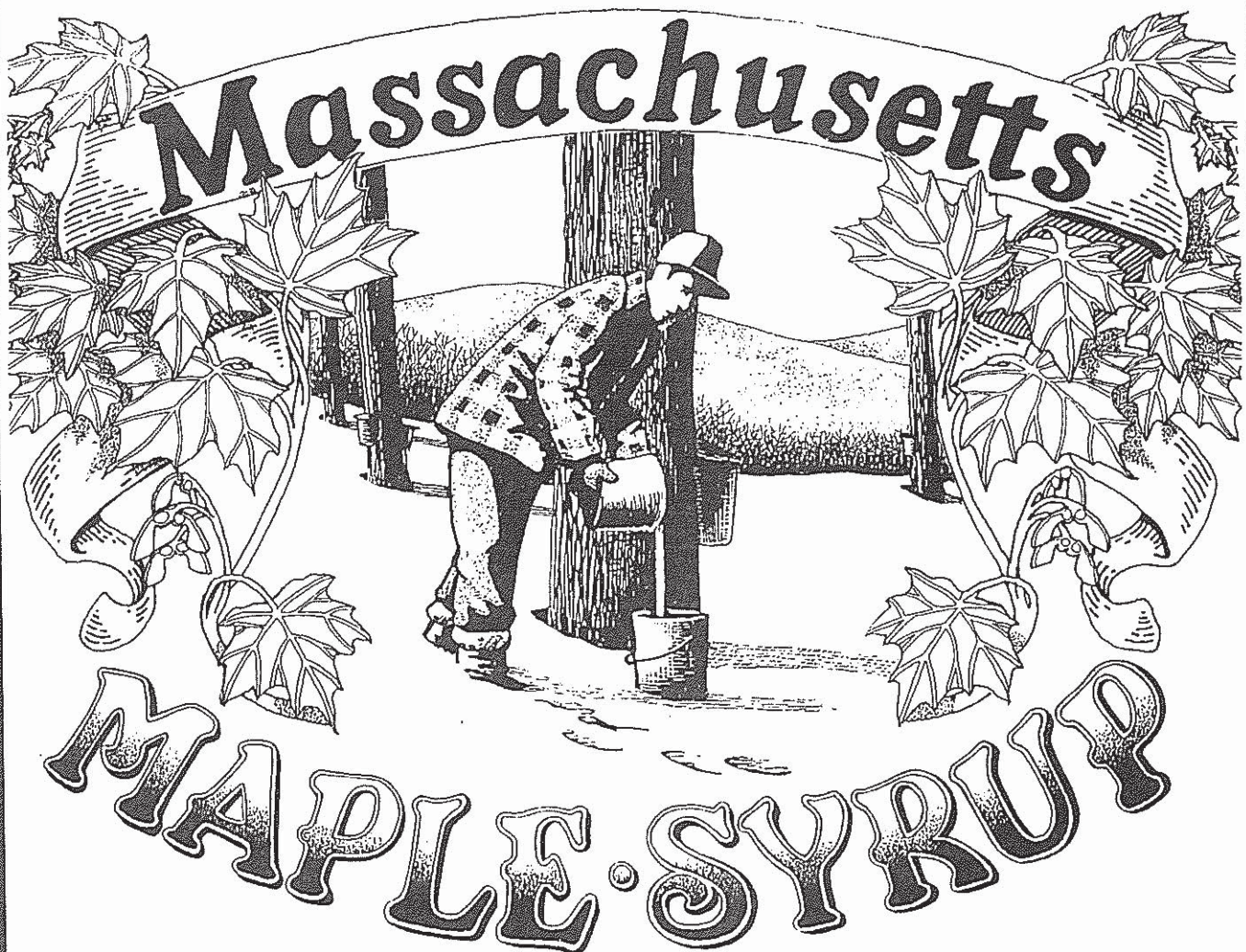




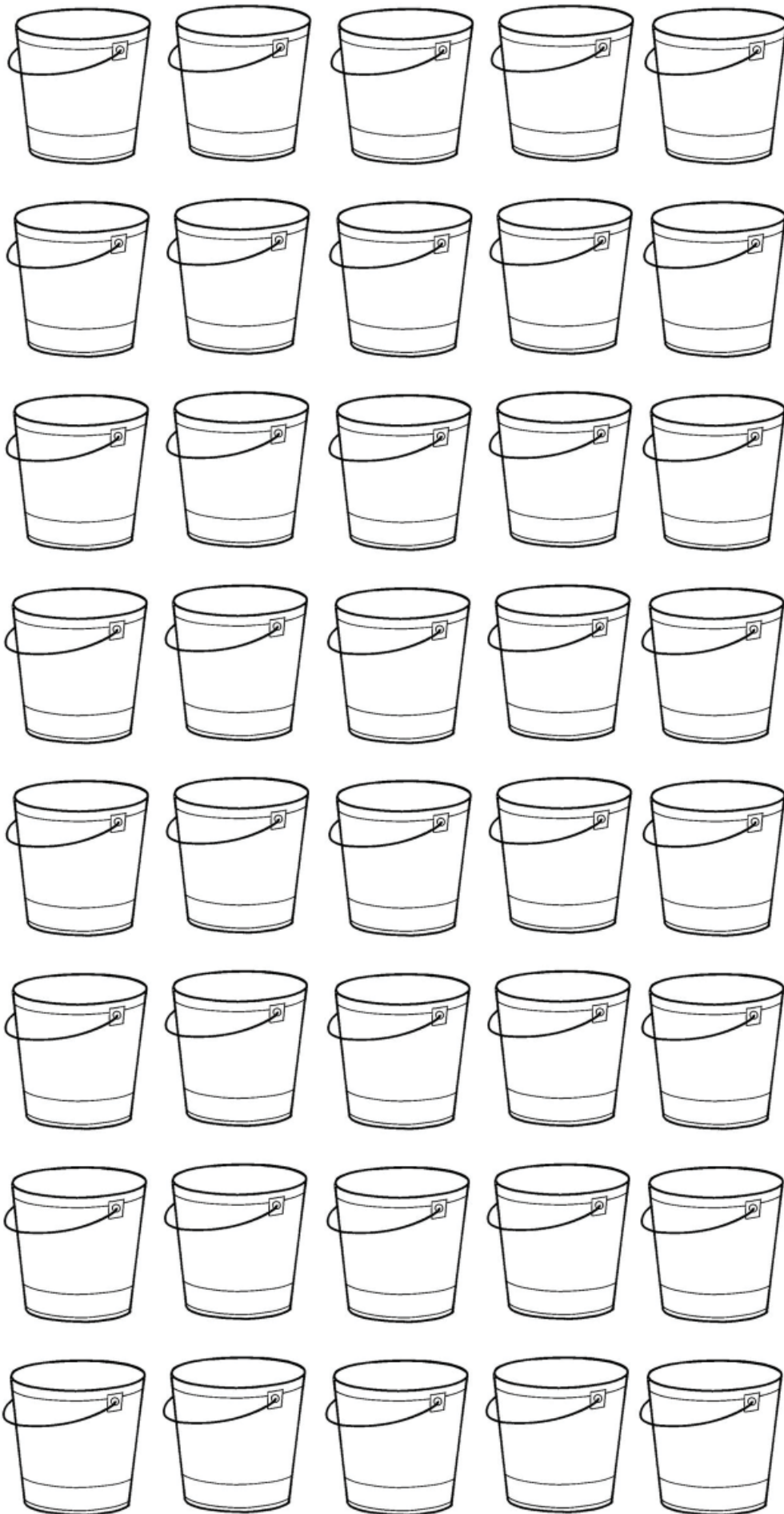
# Maple Syrup Time

(To the tune of "Twinkle, Twinkle, Little Star")

Now's the time to tap the trees,  
Warmer days and nights that freeze.  
Make a hole and down the spout,  
Into the pail the sap comes out.  
Boil 'til the water evaporates,  
Sweet maple syrup tastes just great!







**40 GALLONS  
OF SAP**

**=**



**1 GALLON  
OF SYRUP**

Draw a picture and write about it.



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