

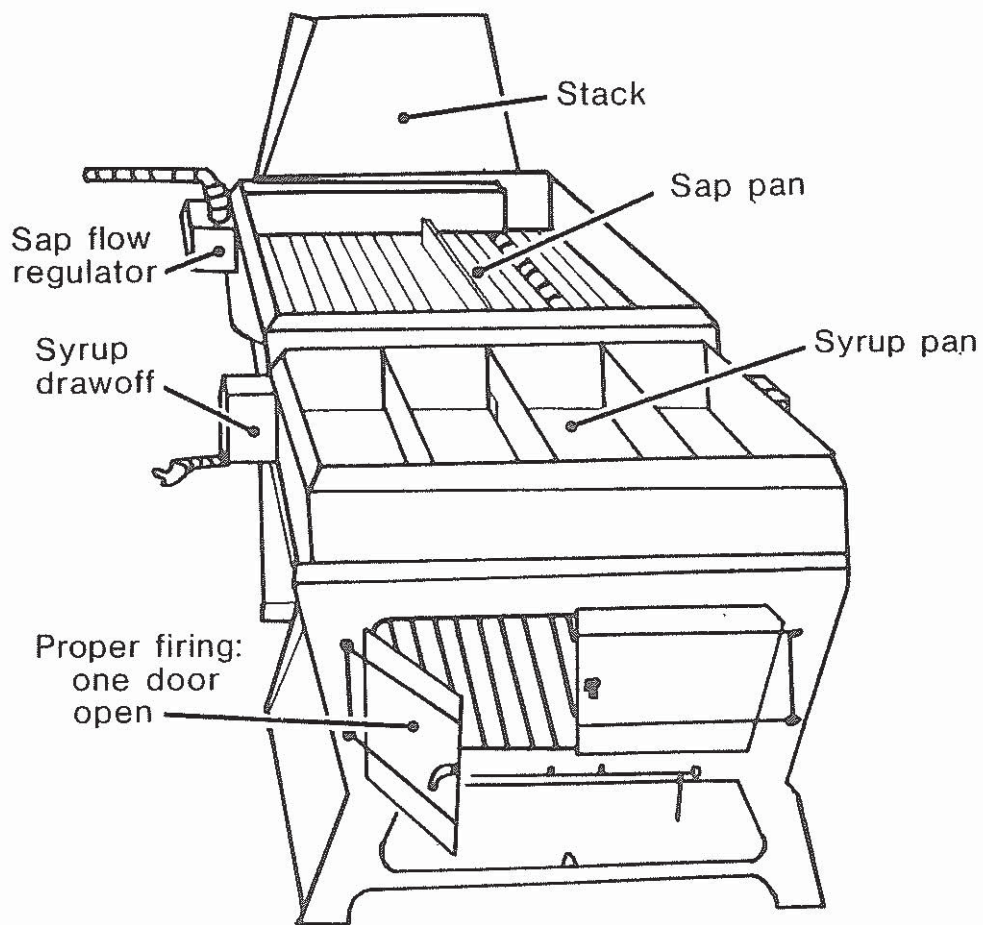
MAPLE

in the classroom

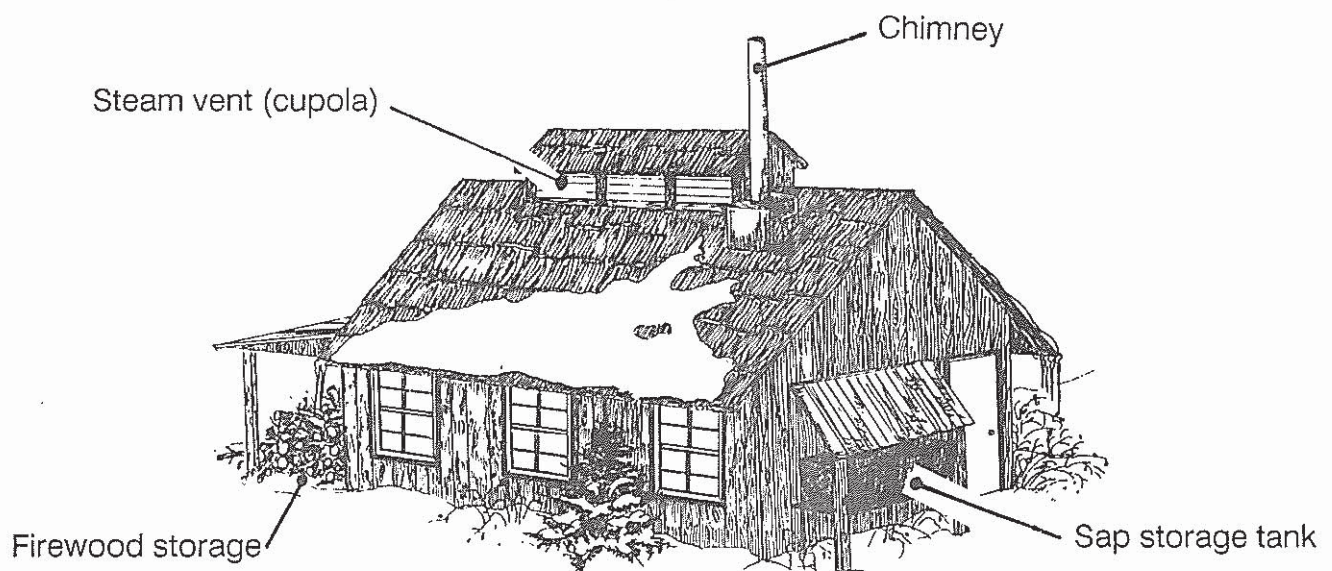
NAME: _____



experience
LEARNING



COMPLETE WOOD-FIRED EVAPORATOR



A TYPICAL MAPLE SUGARHOUSE

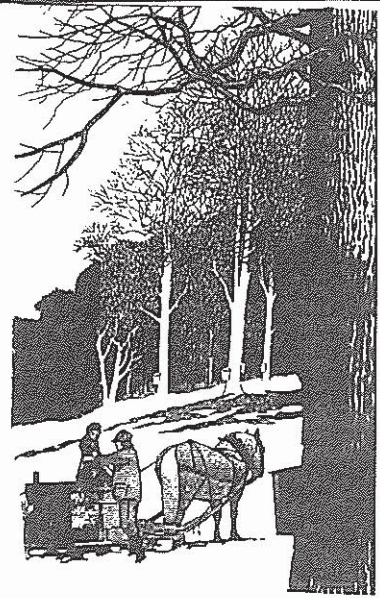
Maple Counting I

ADDITION

1 BUCKET
+ 2 BUCKETS

5 BUCKETS
+ 1 BUCKET

4 BUCKETS
+ 6 BUCKETS



10 BUCKETS
+ 12 BUCKETS

11 BUCKETS
+ 15 BUCKETS

20 BUCKETS
+ 16 BUCKETS

10 BUCKETS
+ 13 BUCKETS

SUBTRACTION

2 BUCKETS
- 1 BUCKET

4 BUCKETS
- 2 BUCKETS

6 BUCKETS
- 3 BUCKETS

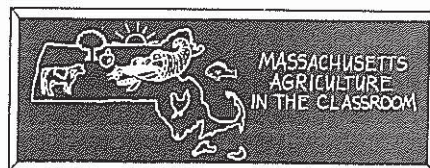
8 BUCKETS
- 4 BUCKETS

18 BUCKETS
- 10 BUCKETS

15 BUCKETS
- 12 BUCKETS

17 BUCKETS
- 6 BUCKETS

20 BUCKETS
- 4 BUCKETS



MAPLE MATCHING

Match the word on the left column with the word(s) of the same meaning in the right column. Draw a line to connect the words.

Example: RAIN — ICE
 SNOW — WATER

EVAPORATION

SWEET LIQUID

SAP

SUGARBUSH

MARCH

TAP HOLES

TREES

BOIL

DRILL

PANCAKE

SYRUP

SEASON TO MAKE SYRUP



Maples and You Contribution to the Environment

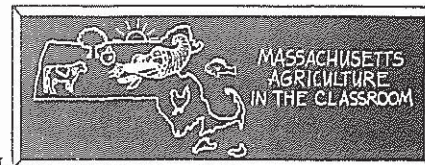


Maple trees contribute to our environment. How many contributions can you name?

1. _____
2. _____
3. _____
4. _____
5. _____

Compare your answers with fellow students.

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



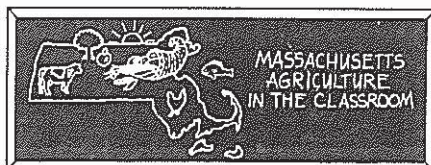
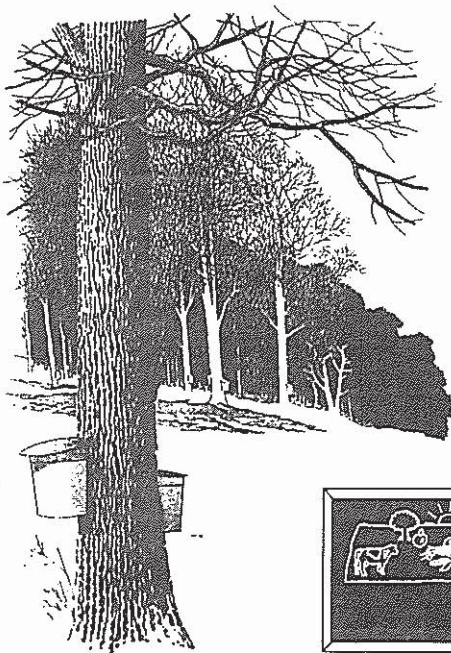
Maple Temperatures I

Answer the following questions.

1. What is the temperature of your classroom? _____
2. What is the outdoor temperature at your school? _____
3. What is the indoor temperature of your home? _____
4. What is the outdoor temperature at your home? _____

Mark the temperatures on the large thermometer.

5. What is the difference in temperatures between indoor and outdoor at school? _____
6. What is the difference in temperatures between indoor and outdoor at home? _____



212°F--

200°

190°

180°

170°

160°

150°

140°

130°

120°

110°

100°

90°

80°

70°

60°

50°

40°

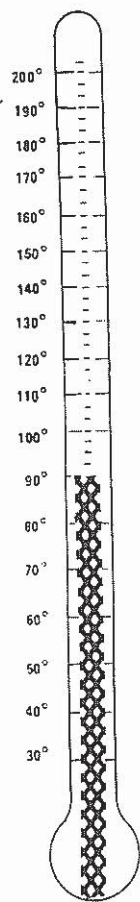
32°F--

--100°C Water Boils

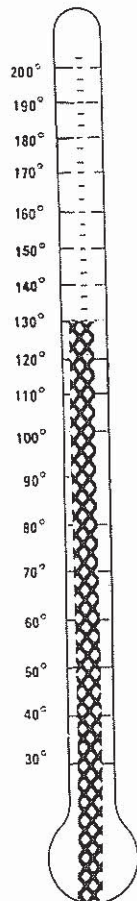
--0°C Water Freezes

Maple Temperatures II

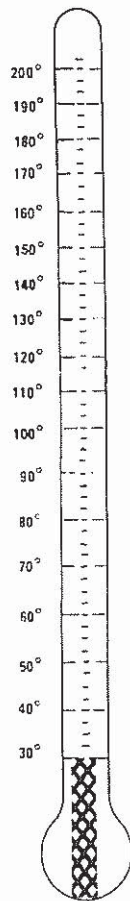
Read the thermometer. Fill in the temperature.



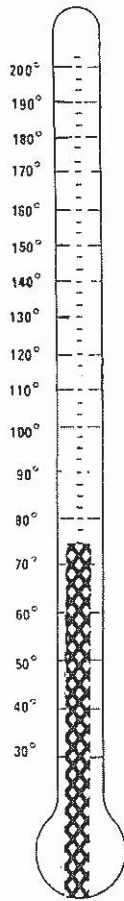
°F



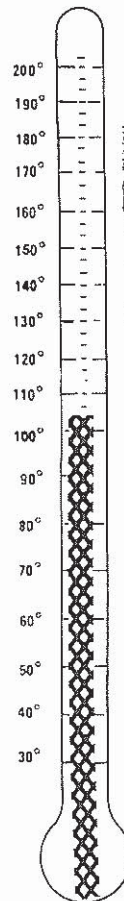
°F



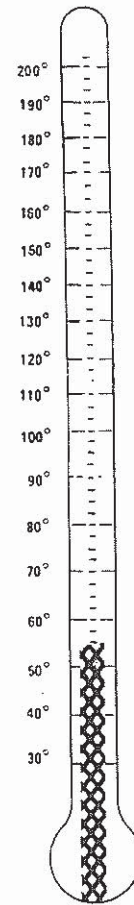
°F



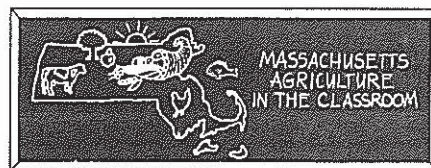
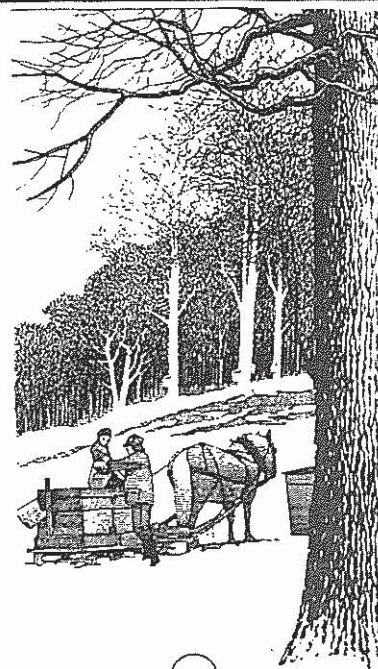
°F



°F



°F



Maple Word Find

Can you find these words in the puzzle.

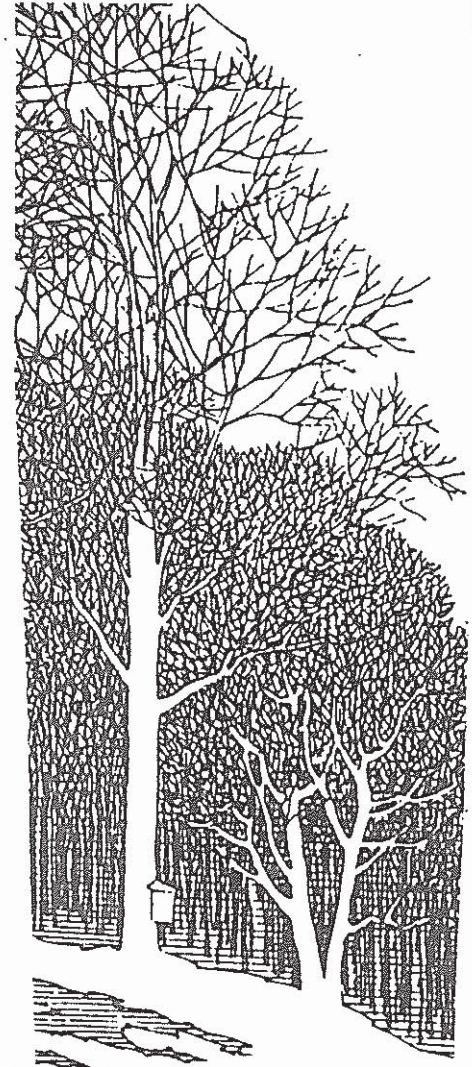
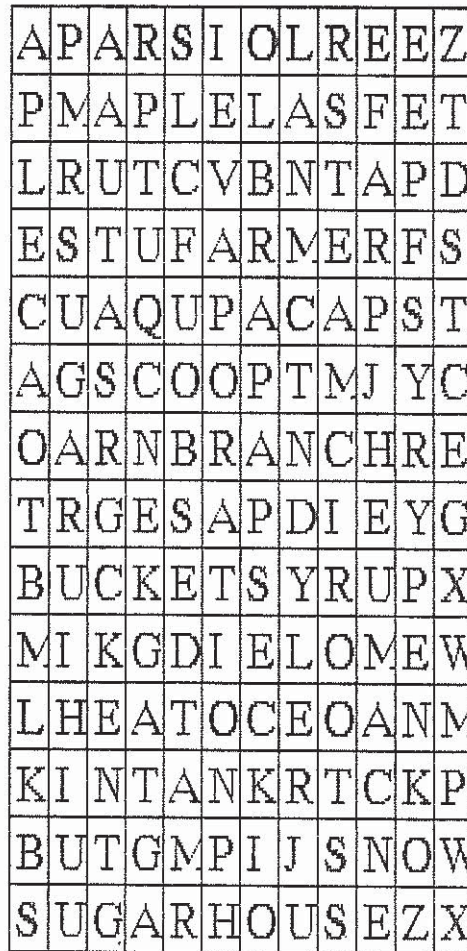
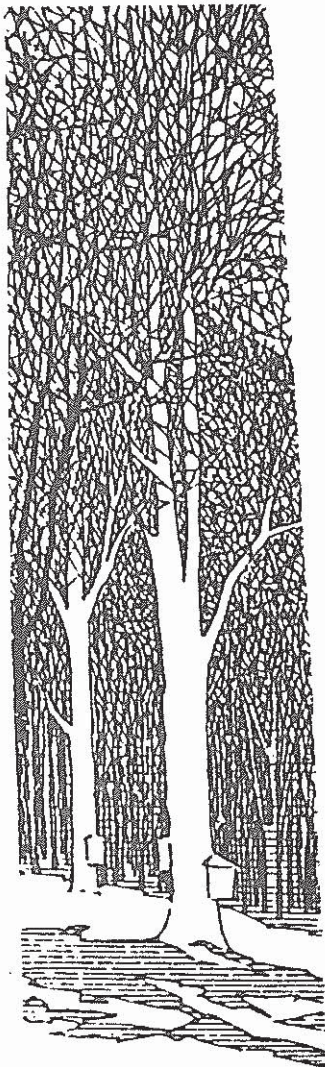
MAPLE
SUGAR
SYRUP
TANK

SAP
BRANCH
BUCKETS
HEAT

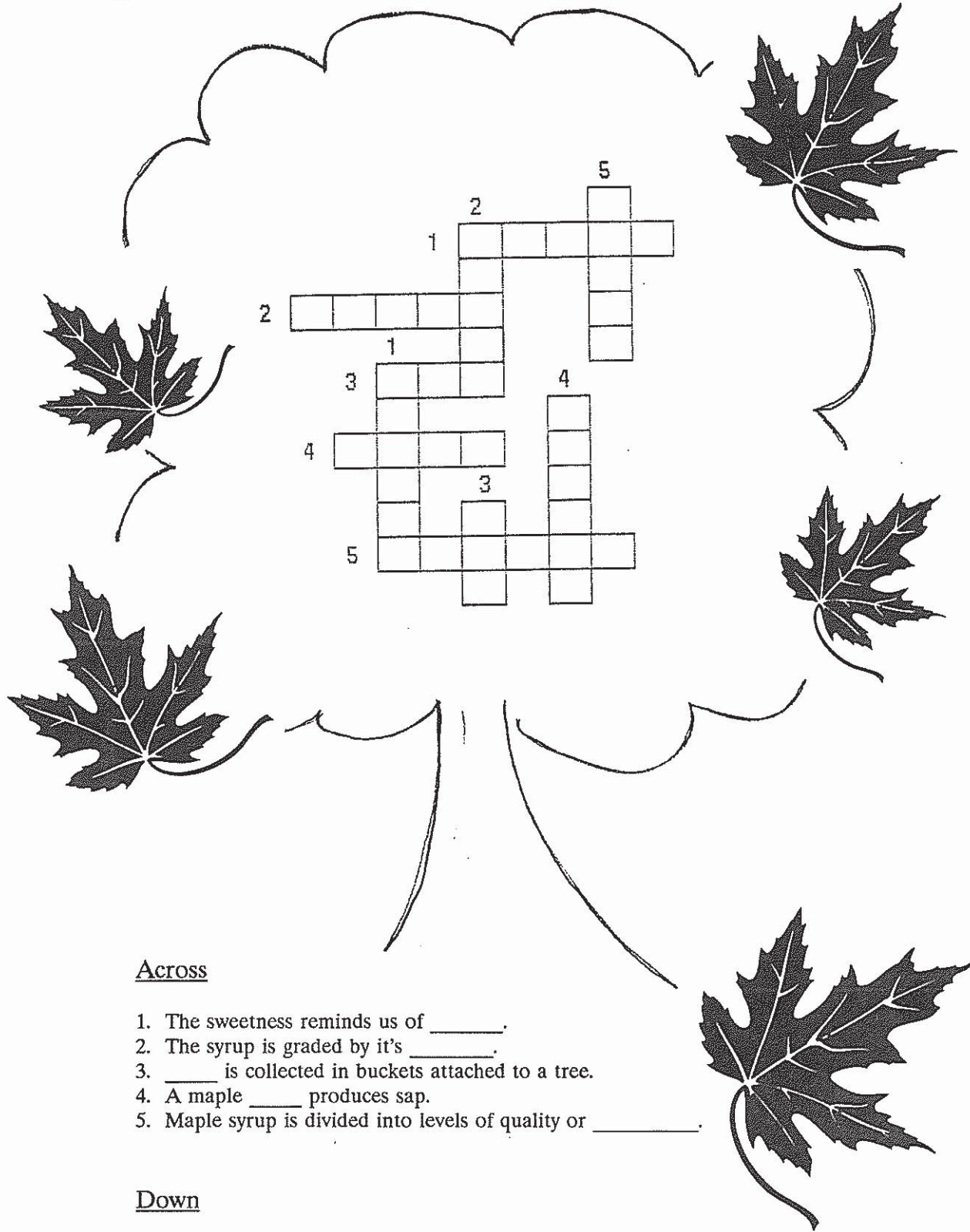
ROOTS
SNOW
TAP
STEAM

EVAPORATION
SUGAR HOUSE
FARMER
SCOOP

CIRCLE THE WORDS. SOME LETTERS MAY BE USED MORE THAN ONCE.



Maple Word Puzzle II



Across

1. The sweetness reminds us of _____.
2. The syrup is graded by it's _____.
3. _____ is collected in buckets attached to a tree.
4. A maple _____ produces sap.
5. Maple syrup is divided into levels of quality or _____.

Down

1. The usual season to collect sap is early _____.
2. After the sap is evaporated, the rich, sweet _____ remains.
3. The hole in the tree is called a _____.
4. Sap is collected in _____.
5. _____ trees produce the delicious syrup.

Name: _____

Date: _____

Maple Syrup Alphabet Activity

Put the names in alphabetical order.



1. _____
2. _____
3. _____
4. _____
5. _____
6. _____
7. _____
8. _____
9. _____
10. _____

Sugarhouse	Six weeks	Tap	Sugaring
Sugarmakers	Sugarbush	Filtering	Tapholes
A Run	Sugar Maple		

Name: _____

Date: _____

Maple Syrup Challenge

Complete the multiple choice activity.



- ___ 1. To pierce in order to draw off liquid
a. Sugaring b. Tap c. Sugarhouse d. Sugarmakers
- ___ 2. It takes 40 years to be ready for one tap
a. Six weeks b. Sugarbush c. A Run d. Sugar Maple
- ___ 3. Making maple syrup
a. Sugar Maple b. Sugaring c. Filtering d. A Run
- ___ 4. The building where maple water is transformed into maple syrup
a. Tap b. Sugar Maple c. Sugarhouse d. Filtering
- ___ 5. Small holes drilled in maple trees, usually just 5/16" in diameter and only about 2" deep
a. Tapholes b. Sugarbush c. Tap d. Sugar Maple
- ___ 6. Sap flowing in high volumes
a. Sugarbush b. Sugar Maple c. Six weeks d. A Run
- ___ 7. Maple producers
a. Sugar Maple b. Sugarmakers c. Sugarhouse d. Six weeks
- ___ 8. Removes impurities that could affect appearance and flavor
a. Sugar Maple b. Sugarmakers c. Filtering d. Sugarbush
- ___ 9. The maple season
a. A Run b. Six weeks c. Sugarmakers d. Sugarbush
- ___ 10. All the tapped trees of a sugarmaker
a. Sugarbush b. A Run c. Six weeks d. Sugar Maple

Name: _____

Date: _____

Maple Syrup Vocabulary

Complete the activity.



1. _____ Maple producers
2. _____ The maple season
3. _____ Small holes drilled in maple trees, usually just 5/16" in diameter and only about 2" deep
4. _____ Making maple syrup
5. _____ To pierce in order to draw off liquid
6. _____ Removes impurities that could affect appearance and flavor
7. _____ It takes 40 years to be ready for one tap
8. _____ Sap flowing in high volumes
9. _____ The building where maple water is transformed into maple syrup
10. _____ All the tapped trees of a sugarmaker

Tap	Filtering	Tapholes
Sugarbush	Sugar Maple	Sugarmakers
A Run	Sugaring	Six weeks
Sugarhouse		

Name: _____

Date: _____

Maple Syrup Word Search

Find the related words.



G X J S U K D V E F F O E Q X
Z C Y I U B B O W G D P D J G
I F S Q Y G F I L T E R I N G
E R O V U I A E Q T K N E R M
S D S Y S T N R P I N T K I A
X U U C U U X L I J S A I R N
Z R G M G V G Z A N R P T S T
B P A A A R U A C E G I K G A
W O R Z R V W V R W Q E D Z P
Q Q B N H M W D Z M E E J Q H
U D U O O Z A G L W A T H W O
F N S X U T X K X C H P Q H L
C U H I S T K I E J T Z L Q E
O R A Y E P S D Y R J D G E S
N A E H M F E J G E S W T B B

Sugarbush
Tapholes
Filtering
A Run

Sugarmakers
Tap
Sugaring

Sugar Maple
Six weeks
Sugarhouse

Draw a picture and write about it.