Maple Adjectives

An adjective is a word that describes something. Choose an adjective from the box to fill in the blank and make the sentence more interesting.

naughty    glittering    full
blazing     plump        scary
stunning    warm         heavy
operating   peaceful     bright

1. A _______ squirrel jumped on a branch of the maple tree.
2. We went to an ______________ maple farm after school.
3. In the morning, the ______ snow was covering the sugarhouse roof.
4. I went out in the sugarbush and found _____ sap buckets.
5. I saw _______ birds on the ___________ sugarbush path.
6. The _________ squirrel was chewing on the maple tubing.
7. My brother and sister sat near the ___________ fire and told _____ stories.
8. All morning the _______ rain pounded on the sugarhouse roof.
9. The ___________ sun came out after the snowy morning.
10. I have a _______ sweater and hat to wear when I empty sap buckets.

Write your own adjective to describe each noun.

1. _______ sugarhouse   2. _______ tree   3. _____ tank
4. _________ maple syrup  5. ______ snow   6. _____ tractor

New York Agriculture in the Classroom
www.agclassroom.org/ny
Maple Alphabetical Order

Number these sugarbush animals in alphabetical order

___ bird  ___ squirrel  ___ deer  ___ frog

___ rabbit  ___ turtle  ___ salamander  ___ chipmunk

Now number each of these groups of sugarbush animals in alphabetical order

___ skunk  ___ salamander  ___ snake  ___ frog
___ squirrel
___ bear  ___ beaver  ___ fly  ___ fish  ___ bird  ___ fox  ___ bat
Maple Spelling

Unscramble the spelling words below and find the words in the story

KLAW______  RDLLI_______  HESSO______
GUSRA______  TENCCNO______  RMAHME______
RDGNOU______  EITRWN_______  OSEFTR______

Helping to tap maple trees at the end of winter is great fun.
The ground is covered with snow in the forest. We wear snow shoes to keep from sinking when we walk. A drill is used to make a small tap hole in the trees. We hammer a maple spout into the hole. We connect the tubing that will bring the sap to the sugar house

Write the spelling words above in alphabetical order below.

1. __________   2. __________   3. __________
4. __________   5. __________   6. __________
7. __________   8. __________   9. __________
Maple Spelling II

Unscramble the spelling words below and find the words in the story

HLWEO________  DROTPCU________  TONSRG________
RAGUS________  LUVAE_________  DARGES________
REDID_________ TREDOS________  STEB________

Maple syrup can range between a very light or golden color with delicate flavor to very dark color with strong flavor. The color differences are divided into four grades. Maple syrup can be boiled or dried into maple sugar. It is a product that is easily stored. Maple candy is the best candy ever. It has great value. You just want to eat the whole bag.

Write the spelling words above in alphabetical order below.

1. __________  2. __________  3. __________
4. __________  5. __________  6. __________
7. __________  8. __________  9. __________
Maple Alphabetical Order II

Number these sugarbush items in alphabetical order

___ branch  ___ wood  ___ tank  ___ drill

___ bucket  ___ tree  ___ tractor  ___ leaf

Now number each of these groups of sugarbush items in alphabetical order

___ tractor  ___ tank  ___ tree  ___ trunk

___ trailer  ___ truck  ___ tubing  ___ tools

___ snowshoe  ___ stump  ___ spout  ___ sap
Maple Alphabetical Order III

Number these sugarhouse items in alphabetical order

___ sign
___ jug
___ tank
___ pancakes

___ cream
___ candy
___ basket
___ evaporator

Now number each of these groups of sugarhouse items in alphabetical order

___ pancake
___ pump
___ popcorn
___ pan

___ cream
___ candy
___ coloring book
___ cotton candy
___ bottle
___ bill
___ basket
___ book
Maple Cross Words

Across
2. keep my feet warm and dry
5. a treat made from maple syrup
6. a maple syrup container
9. the big pan that boils sap
11. white stuff in the sugarbush when tapping
12. provides maple sap
13. what makes maple syrup sweet
14. grows on maple trees

Down
1. what I must pay for maple syrup
3. the season just before maple season
4. forest of maple trees
7. a common fuel used to make maple syrup
8. a favorite food eaten with maple syrup
10. keeps your neck warm in the sugarbush
Maple Sugarbush Animals Word Find

Circle names from the list as you find them in the puzzle

Deer  Bear  Coyote
Squirrel  Salamander  Mice
Chipmunk  Frog  Oxen
Porcupine  Toad  Hawk
Birds  Turtle  Crow
Rabbit  Peper  Owl
Horses  Fox

R Q G R T T V L R U L Y V H G
W E E S U U E O W L S T P O U
R E D R U R I S B G I R K R X
D A T N R C H I P M U N K S K
E L B I A M H V N X W O Y E Z
E T U B S M X H T H M E X S X
U Q O H I X A Q X I Y N C O A
S G W Y F T X L C D L I F U R
S I S B O R Z E A D F P X V Y
D B E A R C O K A S V U B L F
R N E X O O E G W M D C X E L
I W T F U H J Q O A Z R O G C
B O O G F H Y S R P H O W H Q
I P A P L U X V C R E P E E P
N Q D M I T Z H J J D E V X E
Maple Production - Maple Multiples of "10"

Solve the math problems. Then use your answers to solve the word puzzle below. When the letter next to each answer is written in the puzzle blanks, it will spell out where you can go to get more information about maple.

5 x 30 = _________ S
9 x 20 = _________ P
4 x 70 = _________ N
20 x 8 = _________ L
6 x 50 = _________ M
4 x 30 = _________ Y
60 x 6 = _________ A
20 x 5 = _________ E

Word Puzzle

Find more information at

280 120 150 300 360 180 160 100 .com
Maple Production - Maple Life Cycle

Fill in each blank in the sentences below with the correct answer from the word list box.

A maple tree starts as a ___________.

A maple seed grows to become a ___________.

As the tiny tree grows it is called a ___________.

From a sapling it grows to become a mature ___________, which ____________ and produces seeds.

When a tree reaches ____________ around, it can be tapped to make maple syrup.

<table>
<thead>
<tr>
<th>seedling</th>
<th>tree</th>
</tr>
</thead>
<tbody>
<tr>
<td>seed</td>
<td>flowers</td>
</tr>
<tr>
<td>sapling</td>
<td>10 - 12 inches</td>
</tr>
</tbody>
</table>
Maple Production - Maple States

Circle the names of the top ten maple producing states in the word search. The list names them for you.

MASSACHUSETTS
NEW YORK
PENNSYLVANIA
WISCONSIN
VERMONT
NEW HAMPSHIRE
CONNECTICUT
MAINE
MICHIGAN
OHIO
Maple Production - Maple States

Circle the names of the top ten maple producing states in the word search. The list names them for you.
Maple Production - Maple Comes in All Phases

Draw a line connecting each of the maple pictures on the left to the matching phase of matter on the right.

Name __________________________
Maple Production - Maple Leaves

Even though all maples can be used to make maple syrup, not all maple leaves are the same shape. Which maple leaves can you find here?
Maple Production - Maple Scramble

Unscramble the names of the two maple countries below.
Then unscramble the names of the top maple states, listed in order of production.

**COUNTRY SCRAMBLE**

<table>
<thead>
<tr>
<th>DIETUN ATTSSE</th>
<th>ANADAC</th>
</tr>
</thead>
<tbody>
<tr>
<td></td>
<td></td>
</tr>
</tbody>
</table>

**STATE SCRAMBLE**

1. REVTOHMN
2. EWN KROY
3. EMANI
4. NOWNISSIC
5. ALIVASPENNYN
6. WEN SHIPRAHEM
7. GHANICIM
8. OOIH
Maple Production - Maple Mapping

Write the state percentage (%) of maple production on each state on the map. Use the information from the graph for your answers.

- Vermont 41%
- New York 18%
- Maine 16%
- Pennsylvania 5%
- Wisconsin 6%
- New Hampshire 4%
- Michigan 4%
- Ohio 3%
- Massachusetts 2%
- Connecticut 1%
Maple Production -
Maple Multiplication

Solve each word problem below by multiplication. Show your work.

1. Joel and Daniel each purchased six maple suckers from Mr. Kelly's store. What was the total number of maple suckers the boys purchased?

2. Megan purchased 8 maple suckers that each cost 7¢. What was the total cost of her suckers?

3. Eric bought nine maple suckers that cost 8¢ each. What was the total cost of his suckers?

4. Sarah bought ten maple suckers that each cost 9¢ each. How much did Sarah spend?

5. Later, Sarah returned two of her 9¢ suckers to the store. How much money did she get back?

6. Mark bought three maple suckers for each of his three friends. How many maple suckers did he buy?
Maple Production - Practice Coordinates

Help Amber collect the maple sap and take it to the collecting tank. Plot the coordinates listed below on the map, then draw a line between each point. Also, write the coordinates for both the beginning point and the ending point. Remember the first number is for $x$, the second number for $y$.

Start: ,
1. 4, 5
2. 3, 4
3. 4, 4
4. 4, 3
5. 4, 2
6. 5, 3
7. 6, 4
8. 6, 3
Tank: ,

START

GATHERING TANK
Maple Production -
Sensory Words for the Sugarhouse

Good writers use sensory words describing something according to one or more of our five senses: taste, touch, sight, sound, smell.

Sort each sensory word below according to its related sense. Write it in the correct box.

<table>
<thead>
<tr>
<th>fragrant</th>
<th>mapley</th>
<th>cloudy</th>
<th>voices</th>
<th>salty</th>
</tr>
</thead>
<tbody>
<tr>
<td>hot</td>
<td>humming</td>
<td>rough</td>
<td>colorful</td>
<td>roar</td>
</tr>
<tr>
<td>sweet</td>
<td>shiny</td>
<td>smokey</td>
<td>sticky</td>
<td>aroma</td>
</tr>
</tbody>
</table>

TASTE

TOUCH

SIGHT

SOUND

SMELL
Maple Production - Photosynthesis

The sugar in maple syrup comes from photosynthesis that happened in the leaf the summer before. Complete the crossword puzzle using words from the list for your answers.

DOWN
1. A carbon compound converted into sugar during photosynthesis, two words
2. Photosynthesis uses this energy
3. Part of plant cell that holds chlorophyll
5. Sweet compound produced by photosynthesis
10. Carries the sugar in liquid out of the maple tree

ACROSS
4. Chlorophyll makes leaves this color in the summer
6. Byproduct of photosynthesis
7. Chemical in plant cell that gathers light energy
8. Second compound converted during photosynthesis to make sugar
9. Name of process in which plant produces sugar

Crossword Clues:
- sap
- oxygen
- carbon dioxide
- sugar
- green
- water
- sunlight
- chloroplast
- chlorophyll
- photosynthesis
Maple Production - Photosynthesis

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**ACROSS**

4. Chlorophyll makes leaves this color in the summer
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7. Chemical in plant cell that gathers light energy
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**DOWN**

1. A carbon compound converted into sugar during photosynthesis, two words
2. Photosynthesis uses this energy
3. Part of plant cell that holds chlorophyll
5. Sweet compound produced by photosynthesis
10. Carries the sugar in liquid out of the maple tree

**Clues:**
- CARBON DIOXIDE
- SAP
- OXYGEN
- SUGAR
- GREEN
- BOND
- LIGHT
- SUNLIGHT
- chloroplast
- chlorophyll
- photosynthesis
- WATER
- PHOTOSYNTHESIS
- PHOTOSYNTHESIS
- PHOTOSYNTHESIS
- PHOTOSYNTHESIS
- PHOTOSYNTHESIS
Maple Production - Practice Coordinates

Follow the maple leaf candy from its mold to the hungry leaf waiting to for a sweet treat. Only move through the squares with maple leaves to make your way through the maze.
Maple Production
Practice Coordinates

Follow the maple leaf candy from its mold to the hungry leaf waiting for a sweet treat. Only move through the squares with maple leaves to make your way through the maze.
Maple Production -
Hidden in the Sugarhouse

Find the following hidden objects in the picture below: banana, pencil, paintbrush, heart, needle, fish, toothbrush, bell, paper clip, ruler, shoe, ice cream cone, candle

Name __________________________
Maple Production -
Hidden in the Sugarhouse

Find the following hidden objects in the picture below: banana, pencil, paintbrush, heart, needle, fish, toothbrush, bell, paper clip, ruler, shoe, ice cream cone, candle