

# FUN IN THE FOREST

With  
**Splinter**  
The woodpecker



Canadian Women  
in Timber



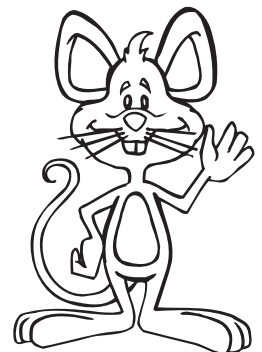
Douglas-fir cones have three pronged scales called bracts that stick out of the cones.



Tree cones hold the seeds that grow new trees. Each tree has its own cone. A Fir tree has a Fir cone, a Pine tree has a Pine cone, a Cedar tree has a Cedar cone and a Spruce tree has a Spruce cone.

## The Legend of the Douglas-Fir Cone

A West Coast legend tells of a time long ago when the Great Spirit was resting against a very large Douglas-fir tree. Many little mice began bothering him. They ran all over his body and through his hair. The Great Spirit asked the mice to go away and leave him alone but they kept climbing all over him. The Great Spirit became angry and gave the mice one last chance to go away or else! The mice were very frightened and scurried away. The Great Spirit looked around to see where they had gone. He looked up into the Douglas-fir tree and there they were, hiding in the cones. To this day you can still see the two hind feet and tail of the mice sticking out of the Douglas-fir cones.



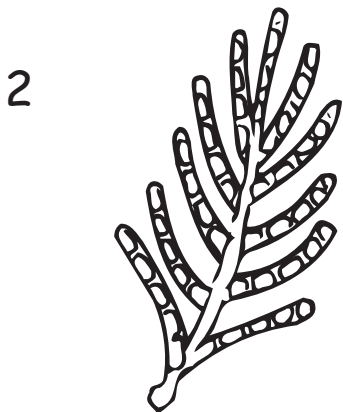


Evergreen trees stay green all year around. There are many different kinds. You can tell what kind they are by looking at the needles.

Match the pictures of the tree needles with the descriptions.



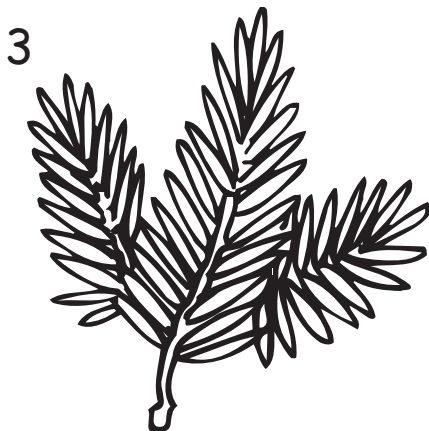
Fir tree  
needles are  
soft and flat



Ponderosa Pine tree  
3 needles  
in a bunch

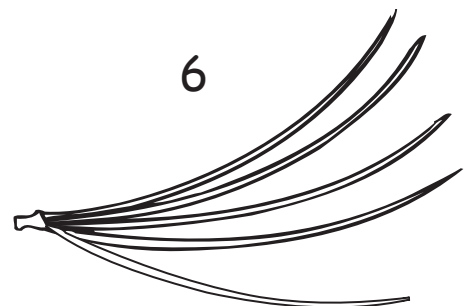


Lodgepole Pine tree  
2 needles  
in a bunch



White Pine tree  
5 needles  
in a bunch

Spruce tree  
needles are stiff  
and sharp



Cedar tree  
needles are like  
flat scales

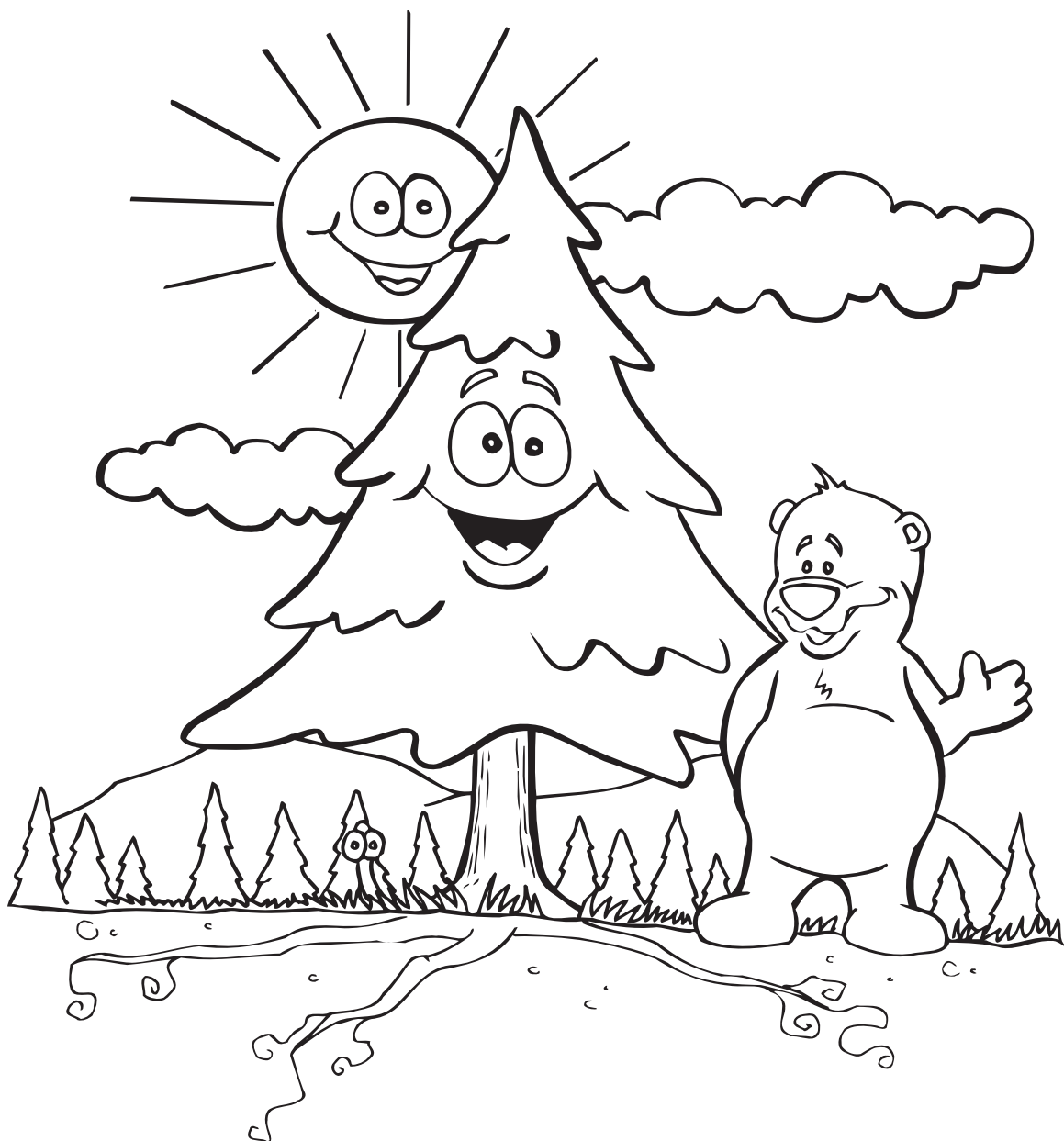


## A tree has 3 main parts

The Crown is the green upper part where the tree makes its food.

The Trunk is the strong middle part that holds the tree up.

The Roots anchor the tree in the ground and the root hairs take in water and minerals from the soil.





The Crown on a tree has many different parts and a tree trunk has many different layers.

From the list below find the underlined words in the word search puzzle.

OUTERBARK - protects the tree

INNERBARK - carries food from the Crown to the rest of the tree

CAMBIUM - growing layer of the tree that forms new wood

SAPWOOD - carries water and nutrients from the soil to the crown

HEARTWOOD - dead wood in the center that gives a tree its strength

CROWN - top of the tree where it makes its food

BRANCHES - part of the crown

NEEDLES - part of the crown

CONES - part of the crown

LEAVES - part of the crown

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

Find and colour all the things you  
can do in the forest







In logged areas Wildlife Trees are left behind to supply food and shelter for birds and animals.

Use the code to write the correct letter above each symbol to find out the kinds of birds and animals that use Wildlife Trees.

**PLATFORM NESTERS**  
perch or nest on the tops of trees

**SECONDARY CAVITY  
USERS** - use holes from  
primary excavators

— + — ▼ — ✓

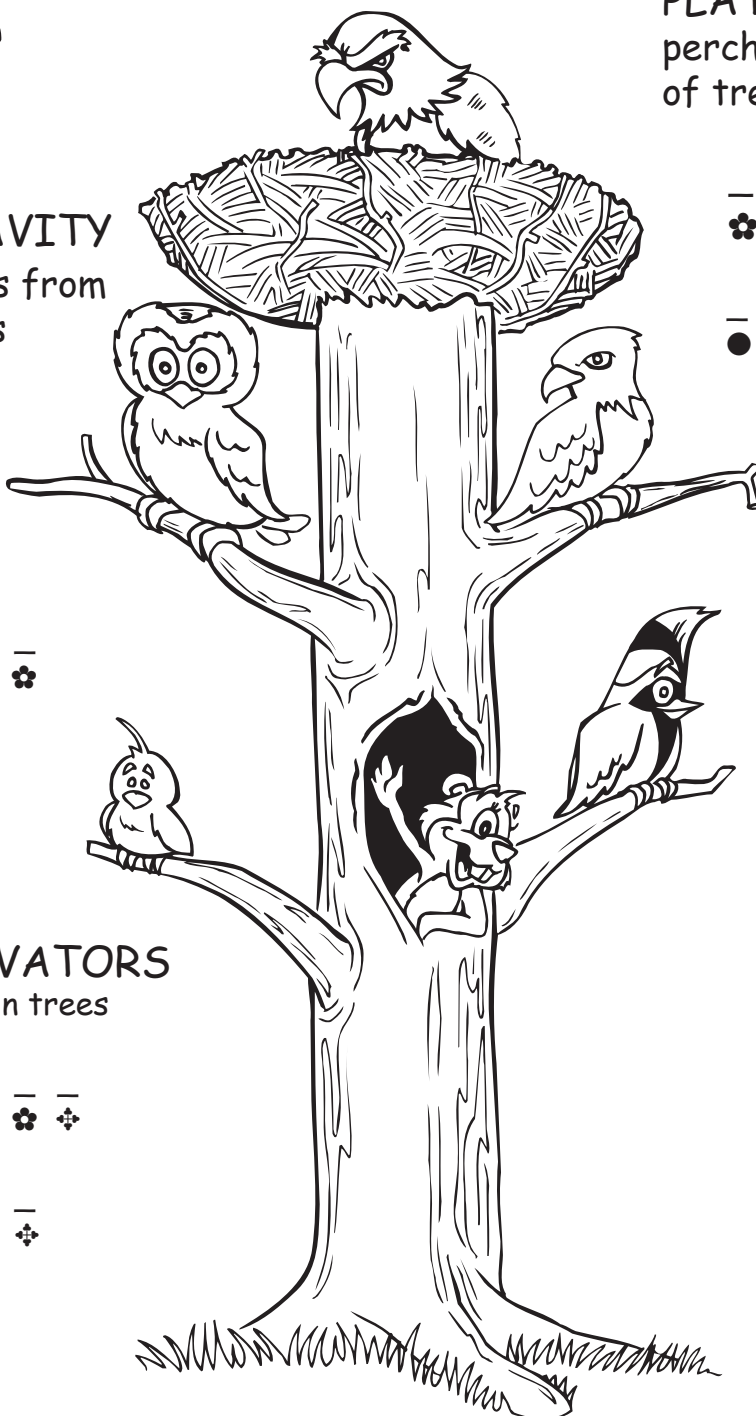
— ■ — ♪ — ✕ — + — ✦ — ✧ — ✨ — ✓

— ◆ — ● — + — ◆ — ◆ — ▲ — ★ — ✨ — ✨

**PRIMARY EXCAVATORS**  
make their own holes in trees

— ▼ — + — + — ★ — \* — ✨ — ◆ — ◆ — ✨ — ✨

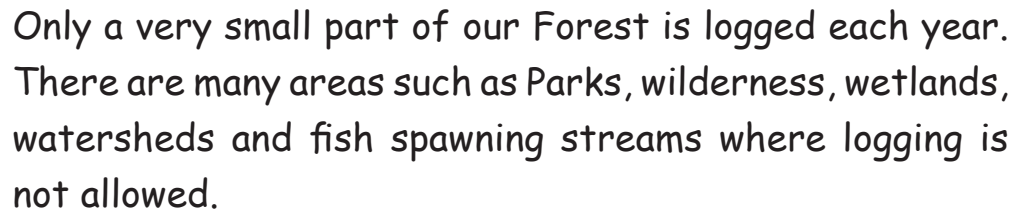
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— ✨ — ▲ — \* — ✓ — ✨

— ● — ▲ — ▼ — ◆

- ▲ = A
- = H
- ▼ = W
- ✦ = R
- ◆ = C
- ✦ = I
- ★ = D
- = S
- ✨ = E
- ◆ = K
- ✦ = O
- ♪ = T
- \* = G
- ✓ = L
- \* = P
- ✕ = U
- ♪ = Q





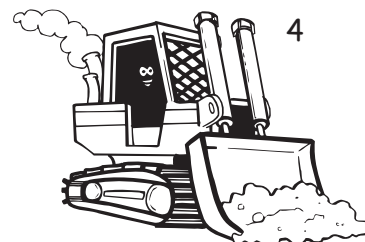
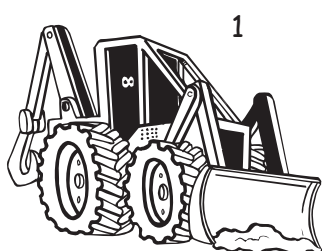
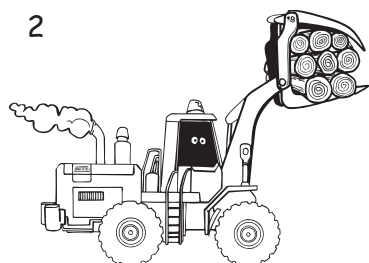
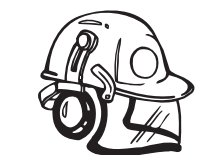
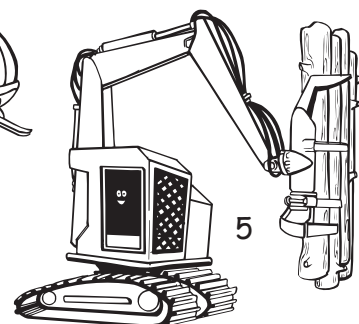
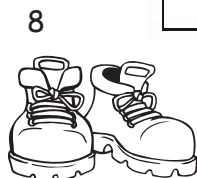
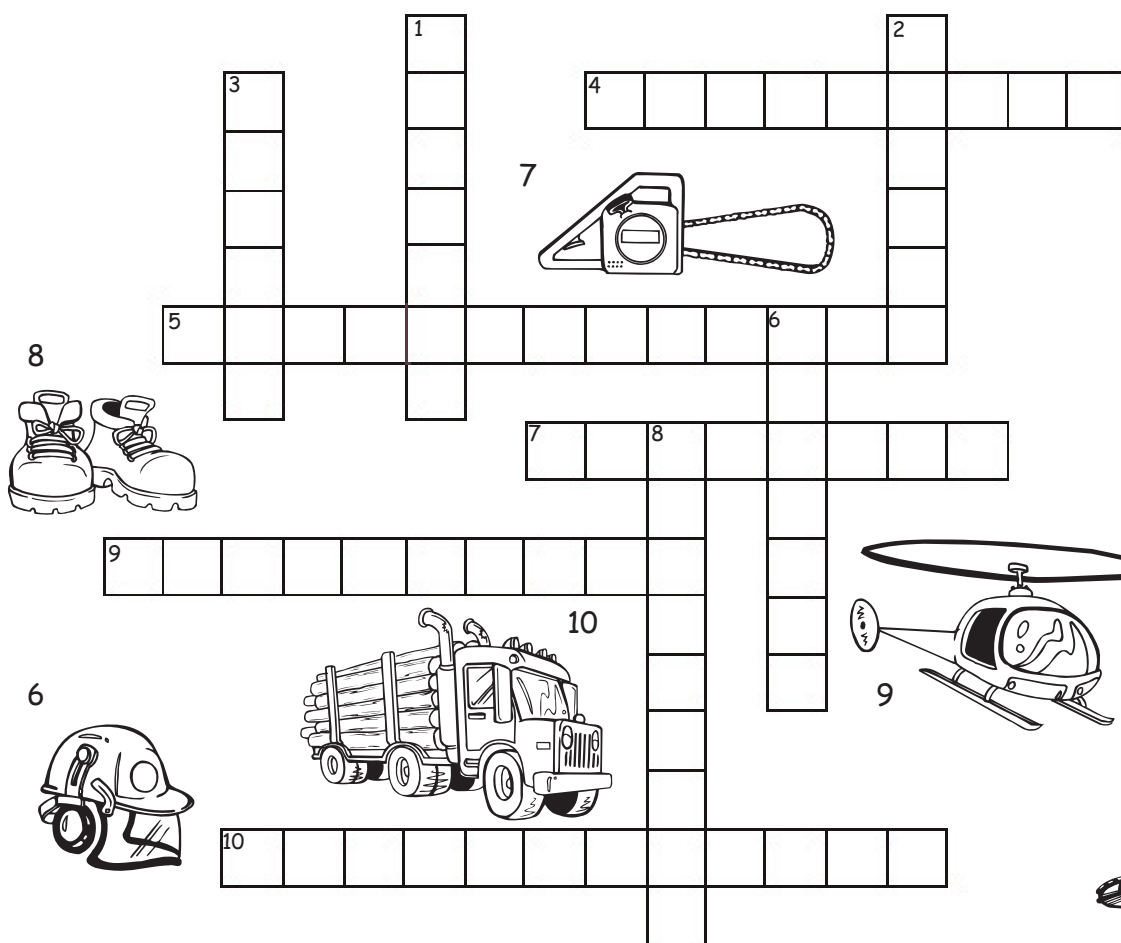


Loggers must wear safety equipment when they are working in the forest. There are many different kinds of equipment and machines used for logging.

Fill in the crossword puzzle with the words that match the pictures.

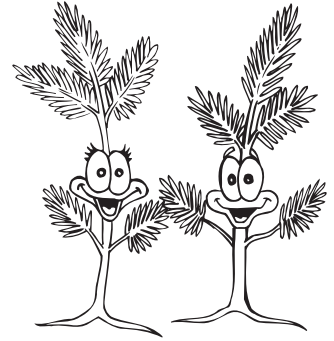
## Word List

logging truck  
skidder  
hard hat  
helicopter  
bulldozer  
logger  
power saw  
work boots  
loader  
fellerbuncher





It is law in Canada that all logged areas must be reforested. This means we have to make sure new trees grow to replace the ones that are cut down. Trees will grow back on their own but we help them grow back faster and healthier by planting seedlings grown in tree nurseries. For every tree that is cut down 3 to 5 seedlings are planted.



Join the dots to see how this is done.





It is important to look after our Forests and to keep them healthy.

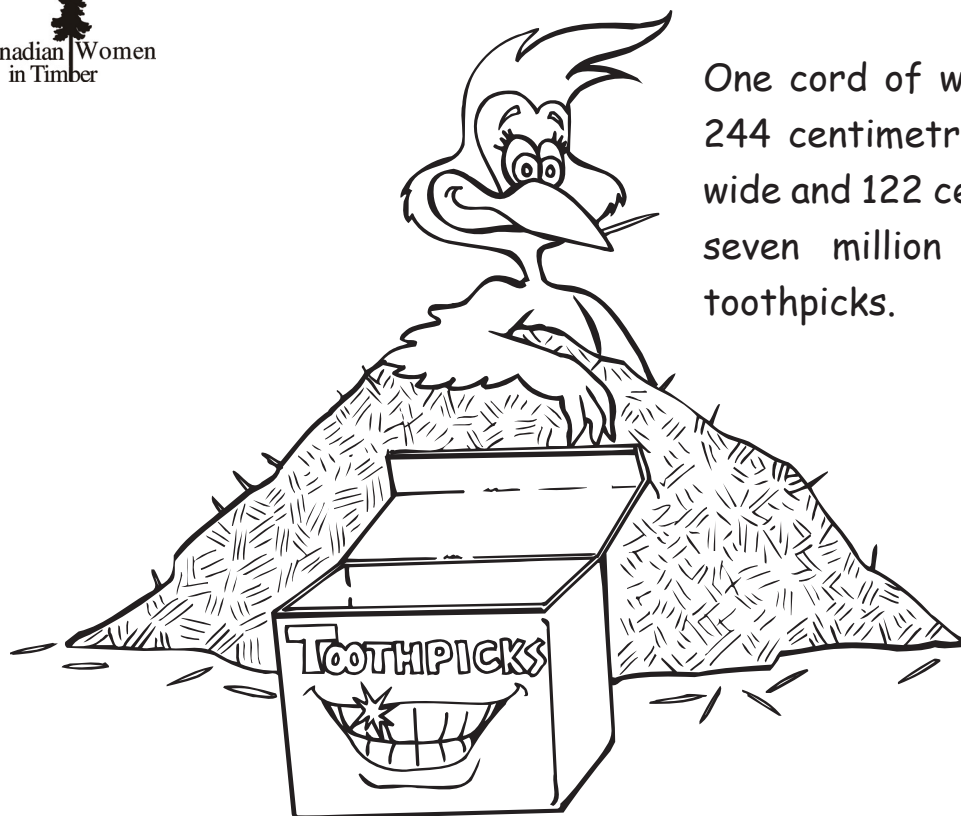
Unscramble the words and fill in the blanks.

Foresters take care of the (eerts) \_\_\_\_\_ in our forests. They make sure they are growing healthy and strong.

Seedlings are looked after until they are healthy and (srntog) \_\_\_\_\_ and then they are left to grow on their own.

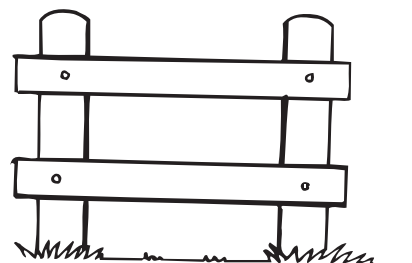
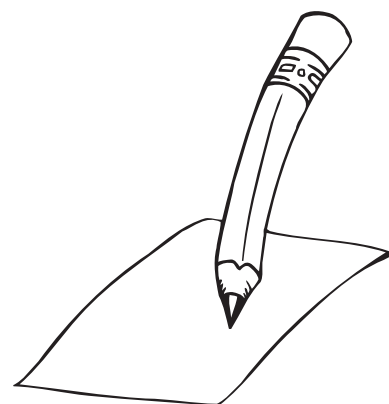
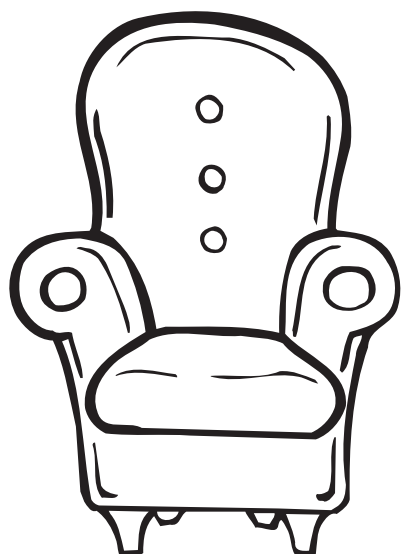
Disease and bugs can make trees (ksci) \_\_\_\_\_.

Many forest fires are caused by (poelpe) \_\_\_\_\_. We must make sure we do not leave burning (cmfrsapie) \_\_\_\_\_ or other material in the woods.



One cord of wood, that is a pile about 244 centimetres long, 122 centimetres wide and 122 centimetres high, will make seven million five hundred thousand toothpicks.

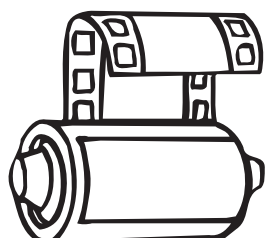
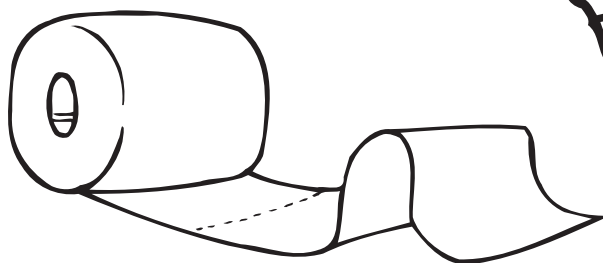
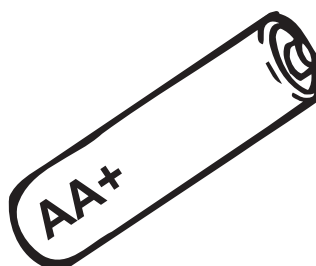
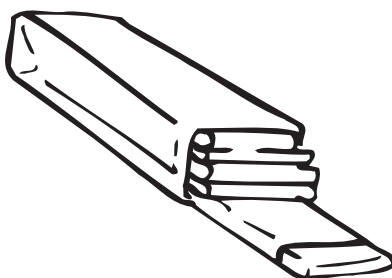
Have fun colouring some things that are made from wood.



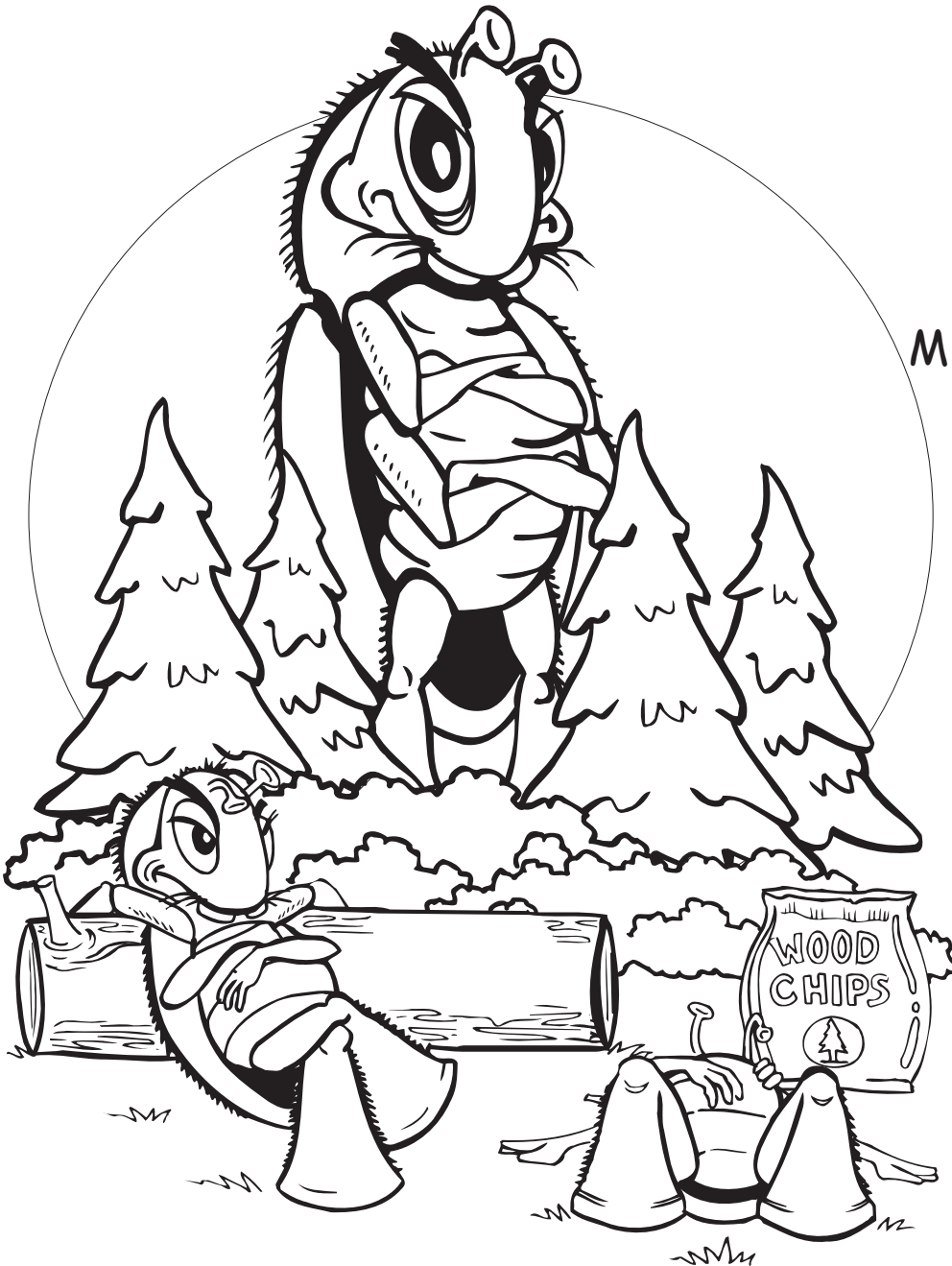


We use thousands of wood products every day.

Colour the pictures below that you think contain something that comes from a tree.



Name this bug by filling in the blanks with the letters that match the numbers.



M

1 2 3 4 5 6 3

P

6 3 7

B

7 7 4 8 7

These bugs make tunnels called galleries under the bark of trees to lay their  
eggs. The many galleries that are made can kill or weaken the tree by cutting off  
the food supply for the tree.





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**Canadian Women In Timber** is a volunteer, non-profit society that provides forest education programs and materials to the schools and the public to create a greater awareness of our forests. **Canadian Women In Timber** promotes the shared use of forests and believes that a viable Forest Industry and healthy forests go hand-in-hand. **Canadian Women In Timber** is dedicated to informing the public with **FOREST AWARENESS THROUGH EDUCATION**.



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**ANSWER KEY:**

Page 3 - 1. Ponderosa Pine 2. Cedar 3. Fir 4. Lodgepole Pine 5. Spruce 6. White Pine

Page 7 - Primary Excavators: Woodpecker, Sapsucker  
- Secondary Cavity Users - Owl, Squirrel, Chickadee  
- Platform Nesters - Eagle, Hawk

Page 9 1. Skidder 2. Loader 3. Logger 4. Bulldozer 5. Fellerbuncher  
6. Hard hat 7. Power Saw 8. Work Boots 9. Helicopter 10. Logging Truck

Page 11 Trees, strong, sick, people, campfires

Page 13 They are all forest products. They all have some part of a tree in them.

Page 14 Mountain Pine Beetle



People and trees help each other:

- Trees take in Carbon Dioxide and give off Oxygen
- People breathe in Oxygen and breathe out Carbon Dioxide

Trees need three things to grow: Air, water, sunlight

You can tell how old a tree is by counting the growth rings in the wood

In 2002 the 5 Billionth tree was planted in British Columbia

The Western Red Cedar is the official tree of British Columbia

The Maple Tree is the official tree of Canada

WOOD is our most environmentally friendly natural resource. It is non toxic, recyclable, bio-degradable and totally renewable.

