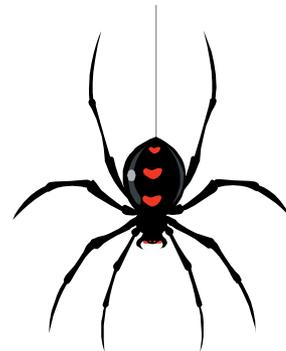
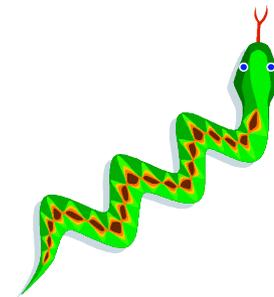


# Tree Houses

Living In a Tree





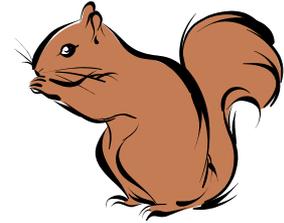
## Lots of wildlife lives in trees!

- Trees are really tree houses for all sorts of animals, birds, insects and other living things.
- Birds and squirrels make nests in trees.
- Insects live in the bark.
- Some frogs and snakes use trees to travel and shelter.
- Lots of animals eat the fruits and nuts and leaves of trees.

What are all the things that can live in a tree?

(touching head wondering)

A squirrel and a bat and a bird I see.



(hands by eyes like binoculars)

A snake and a spider and a butterfly—

(flapping wings)



Some down low and some up high!

(reaching to floor and then over head)

Based on Growing Up WILD <https://www.fishwildlife.org/projectwild/growing-wild>

# Living In a Tree Teaching Cues

- Squirrel—swish tail



- Bat—arms in an M shape



- Bird—flap wings



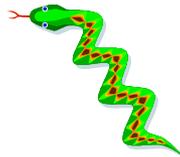
- Spider—hook thumbs and wiggle fingers



- Butterfly—wave arms



- Snake—wiggle one arms

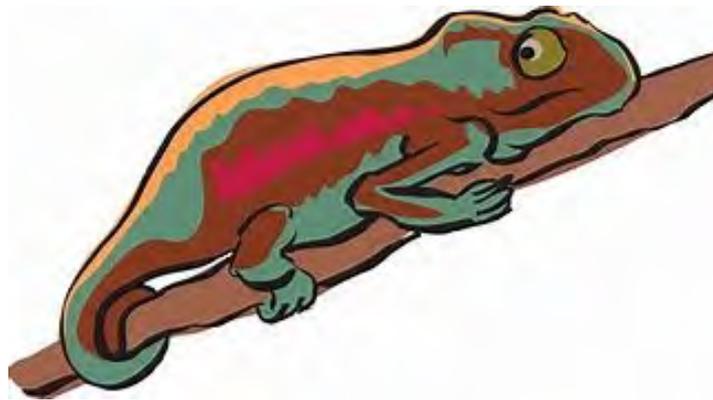


# Tall Oak Tree

Moth flying high I see  
Gathering nectar in the tree!  
Bat flying high I see  
Catching insects in the tree!  
Tree frog sticky feet I see  
High up in the top of the tree!  
Moth caught up in web I see!  
Spider wove it in the tree!  
Woodpecker rat-a-tats I see  
Finding insects in the tree!  
Squirrels eating nuts I see  
High up in the tree!  
Snake slithers up I see  
Looking for nest in the tree!  
Caterpillar munching leaves I see  
Fly as butterfly from the tree!  
Do you see who lives in a tree?



# Tree Houses

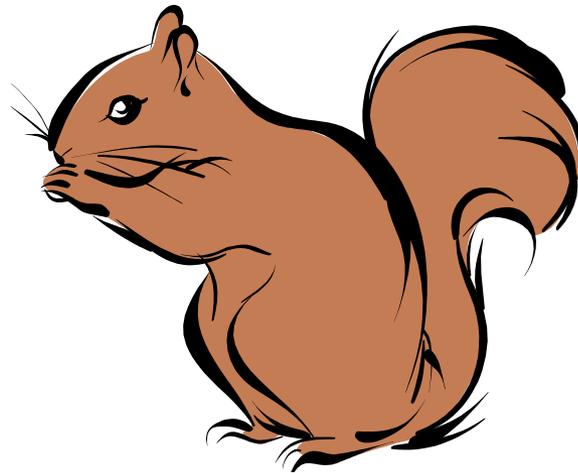


You can read the story!

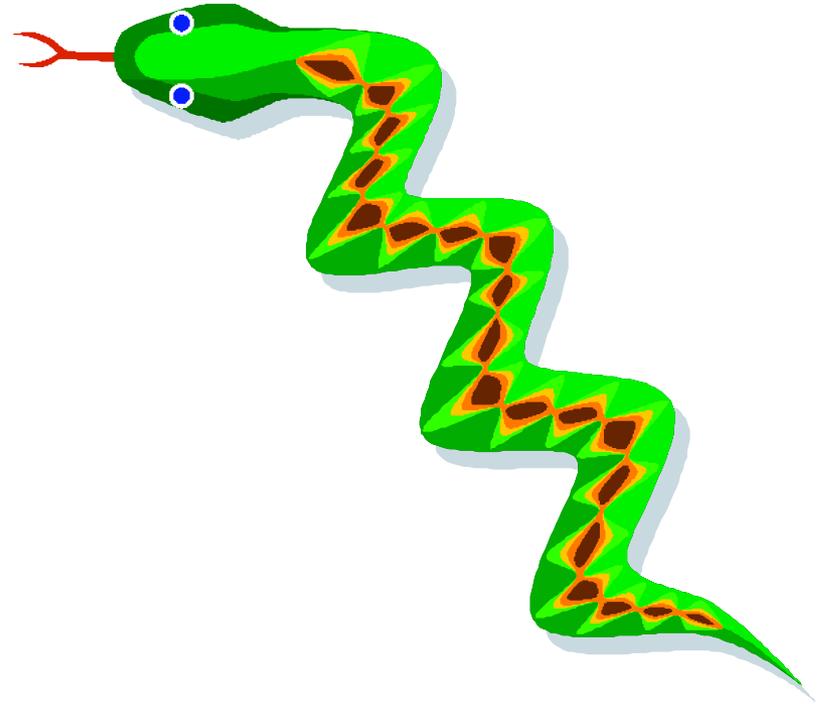
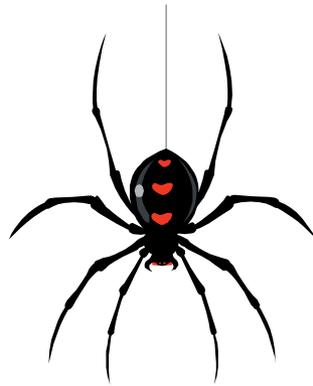
**What are all the things that can live in a tree?**



A squirrel and a bat and a bird I see.

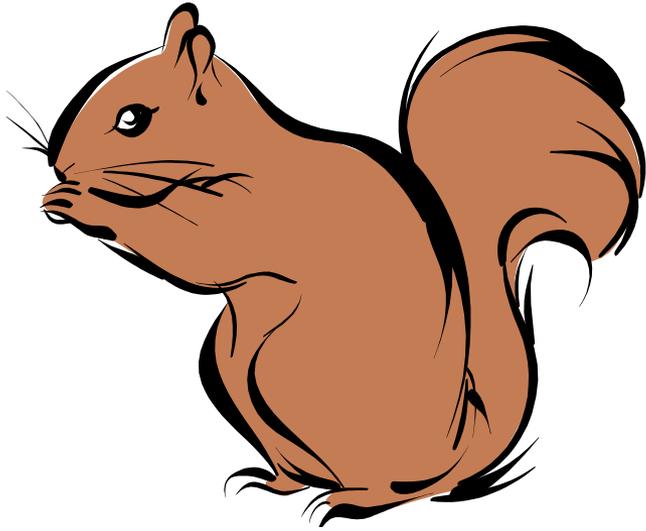


**A snake and a spider and a butterfly—**



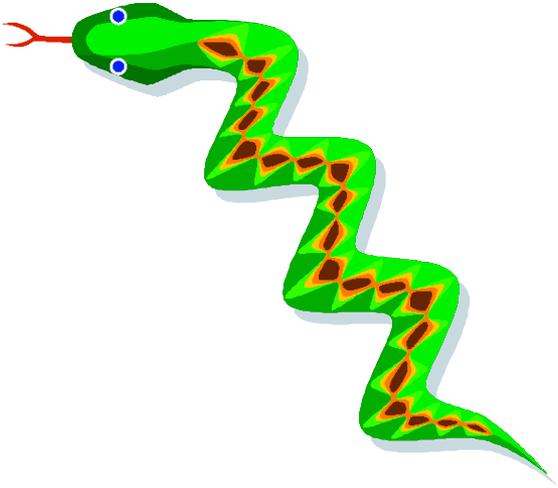
**Some down low and some up high!**



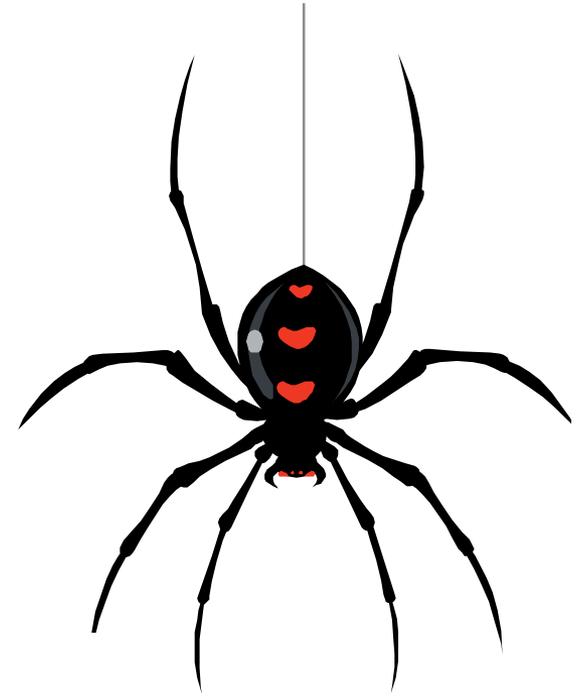


You can act out **Tree Houses** using large pictures for the animals.





You can act out **Tree Houses** using large pictures for the animals.



Trees do many things besides being tree houses for wildlife.

Trees do many things to help us:

- Provide shade and a place to play
- Help the air and climate be healthy
- Provide a place for living things to live
- Provide nuts and fruit to eat



You can act out tree parts:

Heartwood *lubdub* pat chest--strength

Roots *slurp* like a sponge to absorb water and nutrients

*Travel up* > *whoosh up* like a straw to the trunk and branches and leaves

Leaves *engine chug chug* make arms

*move like gears, make food from sun and air*

*Travel down* > *whoosh down* to the branches and trunk

Outer bark *punch*=protects the tree like armor/  
*bark*



## Sung to *Head, Shoulders, Knees and Toes*

Roots (feet), leaves (flapping hands), branches(arms out), trunks (chest), and bark (hugging self) trunks and bark.

Roots (feet), leaves (flapping hands), branches (arms out), trunks (chest), and bark (hugging self) trunks and bark.

Buds (wiggling fingertips), and fruits (fist), and flowers (open hand) make their mark,

Those are the parts of trees in the park! ((arm reaching up)



Adapted from a song

<http://sciencepoems.net/sciencevideos/TreeSongHeadShouldYTSPN.aspx#.WI0MgLGZPBI>

Sung to: "The Farmer in the Dell"

The trees develop roots,

(Touching floor)

The trees develop trunk.

(Touching trunk)

With rain and soil and sunshine days,

The trees develop leaves.

(Hands high over head)

The trees develop bark,

(Rubbing trunk)

The trees develop flowers.

(Wiggling fingers in the air)

With rain and soil and sunshine days,

The trees develop fruit.

(Making fist)

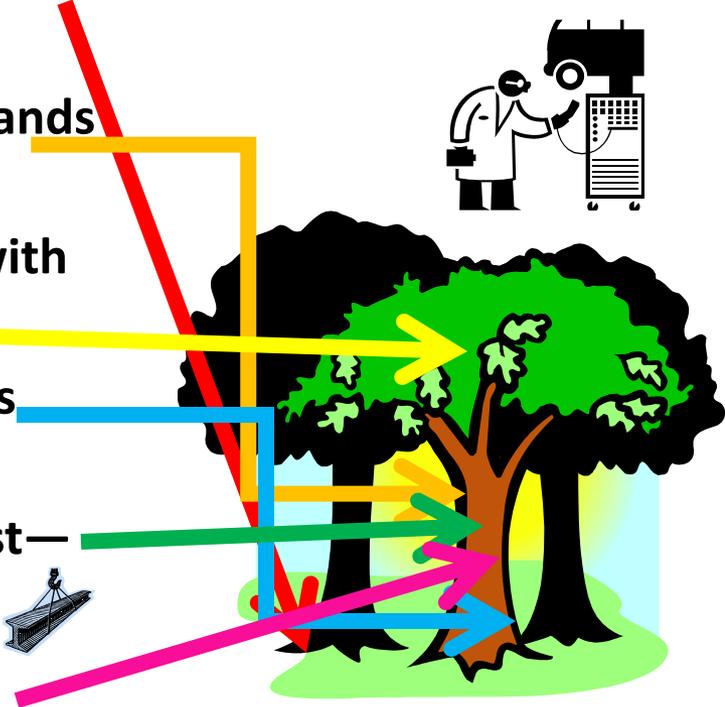
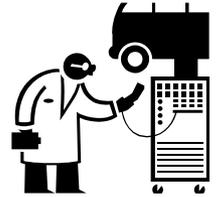


Based on

[http://www.prekfun.com/themes/prekthemes/af/arborday/Arbor\\_Day\\_SongsPoems.htm](http://www.prekfun.com/themes/prekthemes/af/arborday/Arbor_Day_SongsPoems.htm)

## Tree Factory for Toddlers

- Roots slurp up water and *nutrients/food*—slurp—hands low and squeeze like a sponge
- Food and water whoosh up the trunk—whoosh—hands from floor up
- Leaves are the engine making energy—chug chug with arms working like pistons
- Energy whooshes down the trunk—whoosh—hands from high to floor
- The heartwood lets the tree stand strong—tap chest—lubdub
- The bark protects the tree like clothing—give a hug around the middle



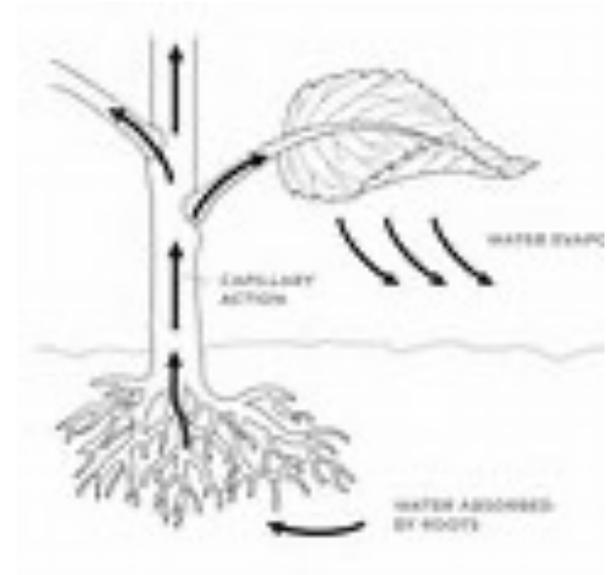
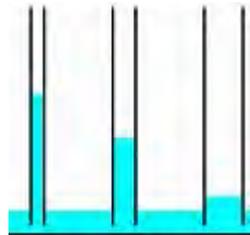
# How water moves up trees--

- Root push



- Capillary action

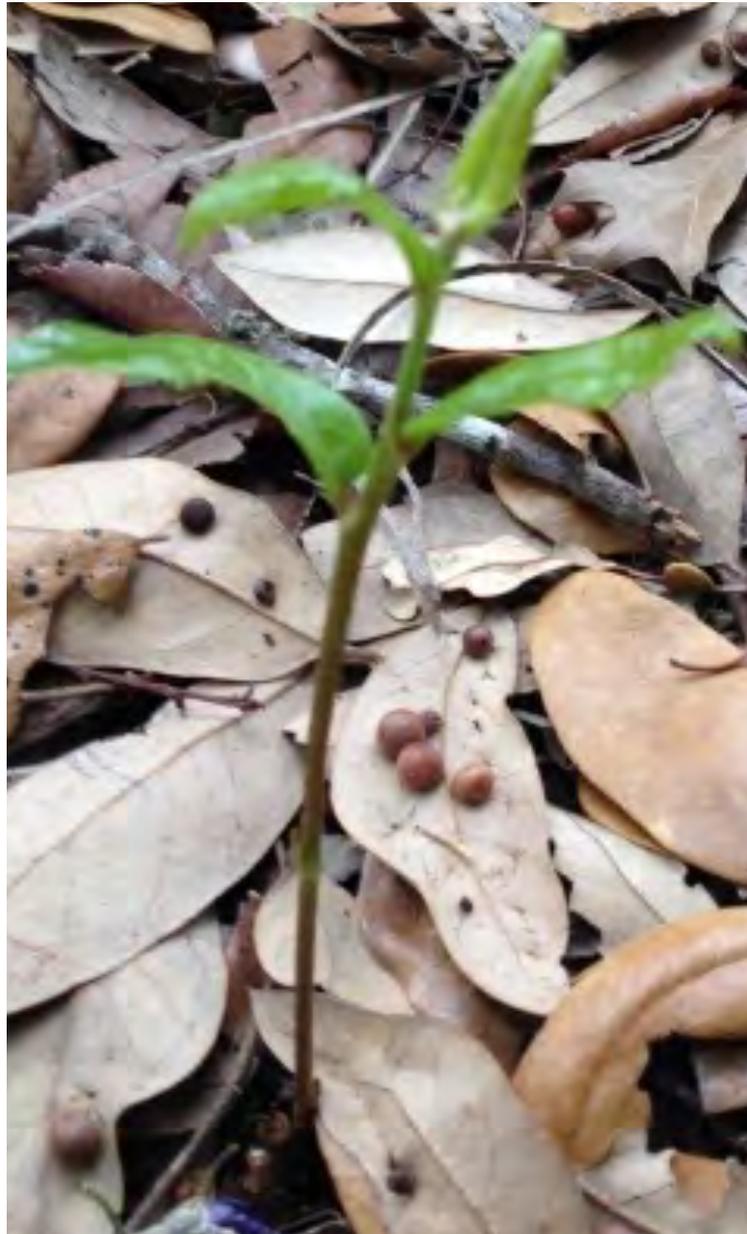
Like a straw



- Transpiration pull



You can  
read *Miss  
Wendy's  
Tree.*



# Miss Wendy's Tree

23 years ago, the telephone Pioneers were giving away tiny tiny itsy-bitsy tumble sized saplings at Ms Wendy's school. None of the teachers wanted them, they were so little. But Ms Wendy loves trees, so she took a sapling in its thimble sized root ball home to Mr. Stan to plant. Mr. Stan said, "I'm not going to plant that –it will never grow—it's too small."



But Miss Wendy loved the tiny twiglet and believed it would grow and it started to grow.



And grow and grow!



And grow!



You can read the story or  
watch it as a slideshow!

*Ms Wendy's Owl*



**Once upon a time there was a family of owls—Mommy Owl, Daddy Owl and tiny little Baby Owl. They lived in the trees at Ms Wendy’s house.**

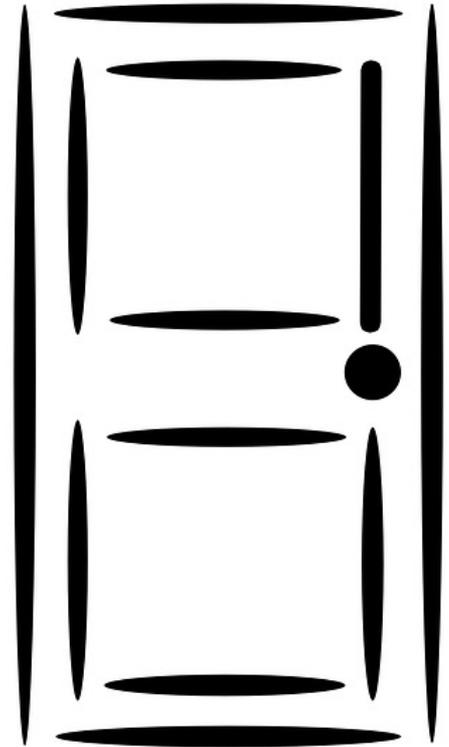
Mommy Owl liked to fly onto Ms Wendy's roof.



Daddy Owl liked to have a conversation with Ms Wendy— *who cooks for you you who cooks for you you!*



Baby Owl was learning to fly and liked to sit in the doorway.





Do a tree walk around your house. We can use all our senses to experience the parts, similarities and differences in trees. Look for animals, birds and insects in trees, signs of life in trees, and things that could be homes or food. Match paint color chips to bark and leaves or use the tree journal 2sided sheets.

Tree journal side 1

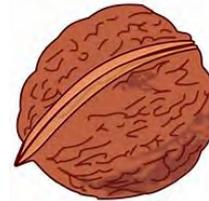
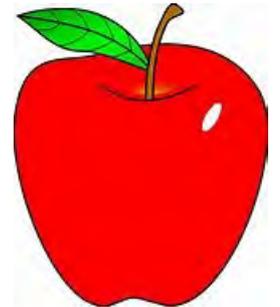


Tree journal side 2

You can make a tree meal!

What's on the menu?

How many tree foods can you find in your home? Look at the foods in your kitchen—which ones came from trees?



You can make  
edible forests!  
What other foods  
can you imagine  
into a forest?



...or a pretzel tree!

- You can use thick pretzels for the trunk and thin pretzels for the branches.
- What can you use for leaves? Cranberries, golden raisins, raisins, almonds, pistachios, grapes, what else can you use for leaves?



Pretzel, raisin, cranberries and almond tree, and collard tree, celery forest and scallion and celery leaf tree!



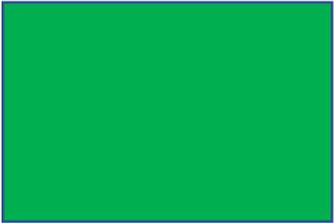
# More ways to make Tree Houses!

Pretzels, candy, chips, veggies!



You can color or paste colored paper on to the tree outline and cut out the living things to glue on it.

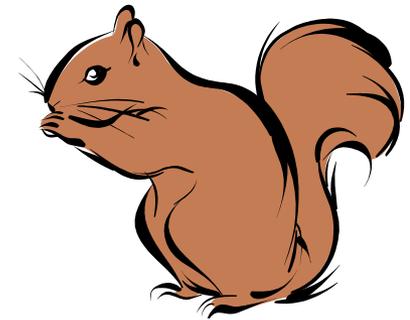
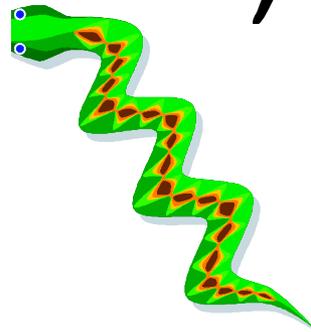
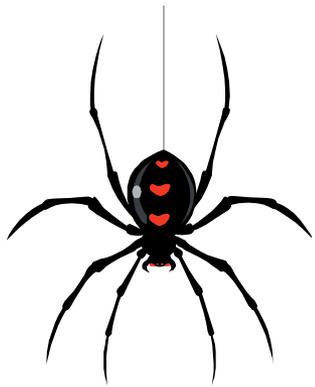
Tear brown and green paper and glue onto a tree outline.



You can collect pieces of bark and leaves to glue on too!



Cut out for art project—you can glue them on your tree.



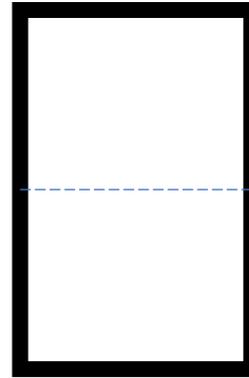
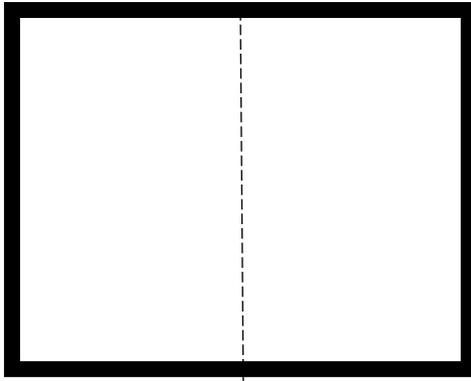
Three ways  
to live in a  
tree!

You can think of other  
ways too!



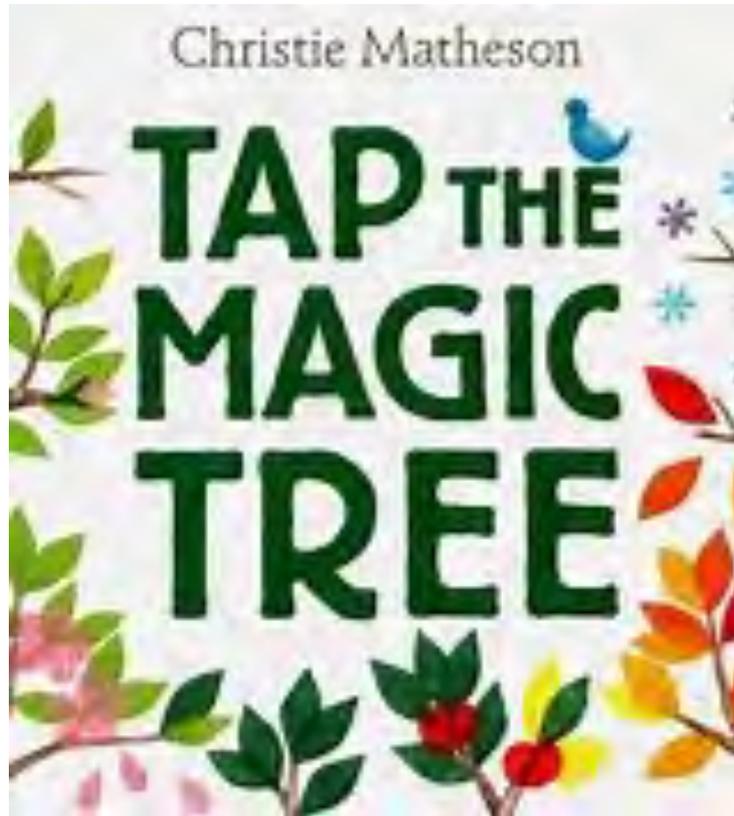
# You can make a mini-book!

- Fold the paper in half
- Then in half again.





<https://www.youtube.com/watch?v=qC2aqtHYjrk>



<https://www.youtube.com/watch?v=ETzkPDDi6pQ>



<https://www.youtube.com/watch?v=ck4FWE6Amb8>

