

## Dear Parents & Caregivers,

Welcome to the Amazon Original Series **Tumble Leaf**, a wonder-filled world created especially for preschoolers. In each episode of this series, Fig the fox, **Tumble Leaf**'s most inquisitive character, leads preschoolers on an adventure that encourages scientific thinking and a love of learning through play.

This program, created by the curriculum specialists at Young Minds Inspired (YMI) in cooperation with Prime Video, includes creative play activities designed to drive curiosity and learning, and to encourage families to explore science in Fig's world.

We hope that you and your child enjoy your adventure in **Tumble Leaf** with Fig!

Sincerely,



Dr. Dominic Kinsley  
Editor in Chief  
Young Minds Inspired

## SYNOPSIS

**Tumble Leaf** is set in a whimsical land where a small blue fox named Fig plays each day and discovers adventure, friendship, and love around every bend in the path. Children will be enriched by narratives that promote play through exploration and scientific thinking that inspire them to go outside and play.

## GRADE LEVEL

This program is designed for children ages 3-5.

## WHAT YOUR CHILD WILL LEARN

The activities will:

- Inspire learning science through play
- Provide a foundation for scientific curiosity
- Encourage creative child and parent interaction

## HOW TO USE THESE ACTIVITIES

There are three activities in this program. Download and print the activity sheets that you plan to use and prepare any materials needed before getting started.

Consider creating a "Finding Place" in your home, like the one Fig visits at the start of each episode. The Finding Place can be a secret box or nook that can hold the activity materials and other objects designed to get your child thinking by playing with science. It can be placed indoors or outdoors.

Follow the instructions below for each activity and ask your child the questions listed. Read each activity sheet to your child. You will also find additional activity ideas in the yellow callouts on the sheets.

Read the synopsis above to introduce your child to the **Tumble Leaf** world and its characters. While it is not needed to complete the activities, one way to start each activity would be to have your child watch the corresponding **Tumble Leaf** episode on Prime Video. (See below for a special offer.)

Talk about what happens in the activity and, where appropriate, how it relates to what happened in the show. Tell your child that they can figure it out like Fig!

## ACTIVITY 1 ON A ROLL!

Science Concepts: Motion, Friction, Experimentation

Buckeye the Beaver wants to live closer to his friends. Inspired by a ball he's found, Fig helps Buckeye make his house round and rolls it to a new neighborhood.

Assemble materials like those shown on the activity sheet — balls made of yarn, tape, rubber bands, balled-up socks, etc., a small hard rubber ball, and some non-round objects, such as a block or empty cup.

Read the activity sheet to your child and ask them to predict which of the "balls" on the sheet will roll the fastest, the smoothest, and the slowest, and why. Provide your child with the balls and other objects similar to the ones on the sheet. Or, if you have set up a Finding Place with the supplies, lead your child there to collect the materials.

## GO PLAY!

- Sit together on the floor and have your child roll each ball across the floor. Talk about how each ball rolled and why. Use the activity sheet to see which predictions were correct, and which were not. Talk about the texture of the balls and how it affects how the balls roll.
- Have your child make balls using paper, aluminum foil, or clay, and ask them to try to roll their ball into a paper cup or tube. Why did it work, or didn't it? What characteristics of the ball — shape, texture, size — help hinder the movement?

- Have your child roll the balls over different surfaces, such as grass, cement, a thick carpet, or even bubble wrap. How much effort did it take? What do the various surfaces do to the ball? Why?
- Explain that round balls roll better on smooth surfaces because there is less friction to slow them down.



## ACTIVITY 2 FIG BLENDS IN

Science Concepts: Protective Coloration, Habitats, Observation

Fig and Maple become masters of disguise when they set out to collect honey from Hive Hollow. Their crafty camouflage fools everyone, including the snappy snapdragons at the Hive Hollow gates.

Direct your child's attention to the masks on the activity sheet. What kind of place would they hide in if they were wearing the grass mask? Why? What about the bark mask? What kind of masks would they make to hide in different places in your home or your outdoor area?

## GO PLAY!

- Have your child decorate one blank mask on the activity sheet to blend into an area of your home, while you decorate the other. Cut out the masks with safety scissors.
- Talk about how colors, shapes, and patterns can help the masks to blend in with their surroundings.
- Have your child hide the decorated mask in the area of the room it matches while you close your eyes. After you find the mask, switch roles. Hide your mask and have your child find it.
- Ask your child what made it easy or hard to find the mask.
- Extend the play with a "hot and cold" game by hiding a teddy bear or other stuffed animal in a room of the house using camouflage methods. How easy or difficult was it to find the animal? Why?

## ACTIVITY 3 THE SWIMMING HOLE

Science Concepts: Absorbency, Volume, Measurement

Fig and Hedge discover that their favorite swimming pond has dried up! Inspired by a sponge, Fig uses "marshrooms" to soak up and move the water that refills the pond and rescues Pine in the process!

Assemble materials like those shown on the activity sheet — different size sponges, a washcloth, cotton balls, facial tissues, paper towel, and some non-absorbent objects, such as a bucket and spoon. Then have your child predict which of the objects shown on the activity sheet will soak up the most water from the puddle and why. Which will soak up the least amount? Why? How would you use these objects to soak up the puddle? Provide your child with sponges and other objects similar to the ones on the sheet. Or, if you have set up a Finding Place with the supplies, lead your child there to collect the materials.

## GO PLAY!

- Hand your child a sponge or other object from the Finding Place and have them try to soak up different amounts of water from shallow pie pans in the kitchen sink or outdoors. Did their "sponge" soak up all the water? Why or why not? Encourage your child to trade sponges and try again.
- Tell your child to squeeze and squish the sponges, when both wet and dry. What happens? Why?
- Have your child create their own sponge using a paper towel. How much water can this "sponge" soak up? How much water can be squeezed out of the sponge? Is it always the same amount of water or different? Why?
- Explain that some items can absorb water better than others because they have small pockets in them that the water clings to.

Amazon is temporarily providing free access to original kids' series and specials, including "The Dangerous Book for Boys," "Lost in Oz," "Just Add Magic," "Pete the Cat," "Costume Quest," "Tumble Leaf," "Bug Diaries," "Creative Galaxy," "Jessy & Nessy," "Wishenpoof," "Annedroids," "Gortimer Gibbon's Life on Normal Street," "The Snowy Day" and "If You Give a Mouse a Cookie." To access the free kids' titles, users must sign in with a valid Amazon account, which is free. Content is available to the company's customers worldwide, with specific titles varying depending on location. Visit [amazon.com/freeforall](https://amazon.com/freeforall) to learn more.



For questions, contact us toll-free at 1-800-859-8005 or by e-mail at [feedback@ymiclassroom.com](mailto:feedback@ymiclassroom.com)



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# On a Roll!

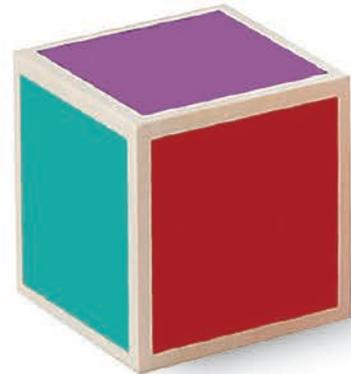


prime video



In the *Tumble Leaf* episode *On a Roll!*, Fig learns how and why balls roll.

Today, you can figure it out like Fig!



## Dear Parents & Caregivers,

Make your own bouncy ball by visiting [kidsactivitiesblog.com/17758/diy-for-kids](https://kidsactivitiesblog.com/17758/diy-for-kids), and if you want your child to learn more about balls, texture, and friction, visit [textproject.org/assets/products/fyi-for-kids/FYI-for-Kids-3-16-grip-and-glide-with-friction.pdf](https://textproject.org/assets/products/fyi-for-kids/FYI-for-Kids-3-16-grip-and-glide-with-friction.pdf). We also encourage you to set up a "Finding Place" indoors or outdoors — a secret box or nook that can hold objects designed to get your child thinking by playing with science. Learn more about the magic of a Finding Place by watching Fig the fox and his friends in *Tumble Leaf*.

Spark your child's curiosity about science through play inspired by the Amazon Original Series *Tumble Leaf*, available only on Prime Video. If you aren't a member, you can sign up at [Amazon.com/primevideo](https://Amazon.com/primevideo).

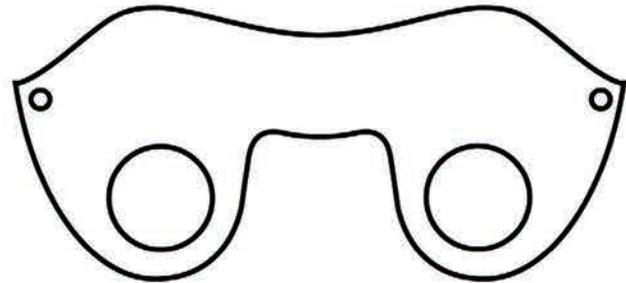
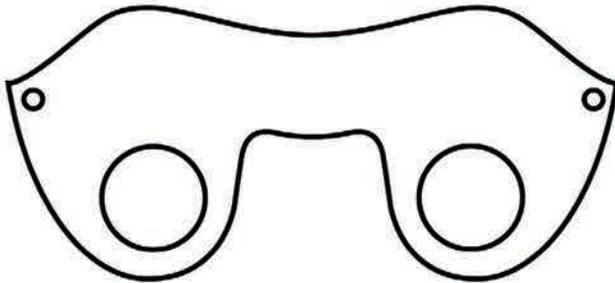


# Fig Blends In



In the *Tumble Leaf* episode *Fig Blends In*, Fig learns about camouflage, a word that means being able to blend in so others can't see you.

Today, you can figure it out like Fig!



**Dear Parents & Caregivers,**

Make your own masks based on the pattern on the activity sheet or create a new one, and play a game of hide-and-seek together. If you want your child to learn more about animals that camouflage themselves to stay hidden and thus safe, visit [kids.nationalgeographic.com/explore/wacky-weekend/hidden-animals](https://kids.nationalgeographic.com/explore/wacky-weekend/hidden-animals). Encourage your child to explore objects in their "Finding Place" box or nook that could be camouflaged in your home. Learn more about the magic of a Finding Place by watching Fig the fox and his friends in *Tumble Leaf*.

Spark your child's curiosity about science through play inspired by the Amazon Original Series *Tumble Leaf*, available only on Prime Video. If you aren't a member, you can sign up at [Amazon.com/primevideo](https://Amazon.com/primevideo).





# The Swimming Hole



In the *Tumble Leaf* episode *The Swimming Hole*, Fig learns about sponges and water.

Today, you can figure it out like Fig!



**Dear Parents & Caregivers,**

Make a sponge ball toss game by following the simple instructions at [passionforsavings.com/2013/05/how-to-make-your-own-sponge-ball-toss/](http://passionforsavings.com/2013/05/how-to-make-your-own-sponge-ball-toss/), and if you want your child to learn more about water, buoyancy, and absorbency, visit [tips.simplygoodstuff.com/most-absorbent-sponge/](http://tips.simplygoodstuff.com/most-absorbent-sponge/). Encourage your child to explore objects in their "Finding Place" that have different textures and describe them. Learn more about the magic of a Finding Place by watching Fig the fox and his friends in *Tumble Leaf*.

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