



ELINOR WONDERS WHY
Episode Descriptions and Curriculum
Episodes #101-140

NOTE: EPISODE NUMBERS ARE NOT IN BROADCAST ORDER

EPISODE 101:

The Town Picnic

It's time for the Animal Town picnic, but Ari is growing impatient waiting for Ms. Llama's famous ketchup, which just won't come out of the bottle. Meanwhile, Elinor and her friends follow a bee to its hive and observe the honey-making process, where they discover that honey is goopier when it has less water in it. Using this new-found knowledge, the kids are inspired to solve M. Llama's ketchup problem by adding water and making it less goopy, just in time for Ari to enjoy his delicious sandwich. Yum!

Curriculum: **Science Inquiry, Life Science and Engineering through Natural Design**
– Demonstrate curiosity by asking questions, making observations and conducting investigations; Observe ways that animals get what they need to live and grow; Understand that materials in the natural world can be used or can inspire the engineering of materials with similar function in the designed world

The Amazing Expandable Clubhouse

Elinor, Olive and Ari are happy to welcome new members to The Explorer's Club, but as more and more kids join, a big problem arises: their clubhouse isn't big enough to fit all the new Explorers! When the entire Clubhouse rolls down the hill, Elinor and her friends need to find a solution. After observing their snail friends, Norma and Lulu, they realize that a snail's shell expands as it grows, which gives them the idea to EXPAND their Clubhouse, adding new sections to make it nice and spacious for all to play!

Curriculum: **Science Inquiry, Life Science and Engineering through Natural Design**
– Ask questions, make observations, conduct investigations, and collaborate using the engineering design process; Understand that all animals have a life cycle, can reproduce, and change and grow over time; Understand that structures and materials in the natural world can be used or can inspire the engineering of structures with similar function in the designed world.

EPISODE 102:

Hiding in Plain Sight

Elinor and her friends are playing Hide-And-Go-Seek at recess, but no matter where they hide, the Goat twins always seem to find them. The kids decide they need a to find a better way to hide, so they observe some animals who are camouflaged, prompting

Elinor to realize that she, Olive and Ari can use their shapes, colors and patterns to hide themselves in plain sight, so that the Goat Twins can't spot them.

Curriculum: **Science Inquiry and Life Science** - Ask questions, conduct investigations, observe and describe patterns in natural phenomena, and construct explanations; Understand that animals have different shapes, patterns and colors to help them blend in with their surroundings and “hide”;

Owl Girl

Elinor isn't sure what she's going to be for Costume Day, but it has to be something INTERESTING. That night, Elinor is awakened by a strange “Whoohoo!” sound coming from outside, so she and her mom go out to investigate. While looking for the source of the strange sound, Elinor is surprised at how many things are happening outside at night while she sleeps. Suddenly, they hear the sound again and look up to see an owl soaring in the sky, which inspires Elinor to figure out exactly what she wants to be for the costume parade.

Curriculum: **Science Inquiry and Life Science** - Ask questions, make observations, conduct investigations, and construct explanations; Begin to explore how different external features of an animal help it survive in its environment.

EPIISODE 103:

The Science of Staying Warm

It's a wintery Saturday morning and Elinor, Olive and Ari are getting ready to go out and play in the snow with other kids, but Olive wonders why she has to wear so many winter clothes. This catches Elinor's curiosity, so she observes that some kids have thick fur (like her) and others (like Olive) don't. At the same time, she sees that the kids with thick fur don't need coats, and the ones without thick fur need thicker coats. They conclude that fur must help animals stay warm. Now that Olive understands, she's excited to put on her winter stuff and have fun in the snow!

Curriculum: **Science Inquiry, Life Science, Engineering through Natural Design and** - Demonstrate curiosity by asking questions, making observations and conducting investigations; Understand that animals have different body parts that are used in different ways to meet their needs; Understand that modes of life in the natural world and engineered solutions in the designed world have common patterns, and engineers often look to natural patterns for inspiration.

The Seed of an Idea

Elinor becomes fascinated by the Velcro on Ari's new watch and convinces her friends to help her find out how it works. First, they make a list of what Velcro sticks to and what it doesn't stick to, but they need more observations, so they head out onto the playground. While outside, they observe that Velcro is very similar to a burr seed that is stuck to Ari's shirt, which is no coincidence at all! That's when they learn that the invention of Velcro was based off the burr seed. Nature is full of all sorts of inventive ideas!

Curriculum: **Science Inquiry and Engineering through Natural Design** - Demonstrate curiosity by asking questions, making observations and conducting investigations; Understand that structures and materials in the natural world can be used or can inspire the engineering of structures with similar function in the designed world.

EPISODE 104:

The House That Ants Built

Elinor and her friends are trying to make an awesome couch cushion castle, but they each have their own ideas of how to build it. When they can't seem to share materials, it looks like all hope is lost, until Elinor notices ants walking by her windowsill. Fascinated, the kids follow the ants and notice them co-operating with each other to build the perfect nest. Now they know just what to do. The kids go back inside and now that they're working together, the castle-building is much smoother. They can even move the biggest pillow – together!

Curriculum: **Science Inquiry, Life Science and Engineering through Natural Design**
- Ask questions about observable phenomena; Begin to understand that animals and plants depend on other living things and nonliving things in the environment to meet some of their needs; Begin to Understand that structures and materials in the natural world can be used or can inspire the engineering of structures with similar function in the designed world.

Special Places

When Ari can't find his favorite ball, he and his friends retrace his footsteps, where they observe a bird with eggs in her nest, then find Mr. Dog burying a toy. Mr. Dog explains he loves to put things away, which is why he buries them and keeps them safe in their "special place." At that moment, Ari suddenly remembers where he left his ball. Elinor and Olive help him find a "special place" to keep it, AFTER they finish playing, of course!

Curriculum: **Science Inquiry and Life Science** - Demonstrate curiosity by asking questions, making observations and conducting investigations; Begin to understand that animals and plants depend on other living things and nonliving things in the environment to meet some of their needs.

EPISODE 105:

The Tomato Drop

Elinor, Ari and Olive are having a fun day at the Animal Town Tomato Festival, but the day is about to get even better as they enter the 'tomato drop' contest. After their first two tomatoes smash into goop when they hit the ground, the kids have to figure out a better way to drop their tomatoes. This is when Elinor notices other things falling softly in nature, like the fall leaves or feathers from birds. Using those things as inspiration, Elinor and friends quickly cobble together a tomato parachute, with a scarf as the chute. Sure enough, when Elinor drops their tomato chute, it falls slowly and lands intact. YAY!

Curriculum: **Science Inquiry and Engineering through Natural Design** – Ask Questions and make observations to identify a problem that can be solved by the design of a new or improved object or tool; Understand that structures and materials in the natural world can be used or can inspire the engineering of structures with similar function in the designed world.

Look What I Can Do

Elinor and her friends are playing soccer. Elinor and Ari notice all their friends are pretty good at the game, but they aren't. After further observation, they realize all their friends have a specific talent that makes them good during play. With Mz. Mole's help, Elinor realizes everyone has their own special abilities. Ari can fly, so he makes an awesome goalie. And Elinor's talent? Bouncing the ball with her ears - GOOOAL!

Curriculum: **Science Inquiry and Life Science** - Engaging in discussions before, during and after investigations and support thinking and argue ideas with evidence; Begin to understand that there are many different kinds of living things and how they may be the same or different.

EPISODE 106:

The Lizard Lounge

Mrs. Beaver wants to build a new park bench in a perfect spot, but there's a giant rock in the way. No problem, they'll just move it, but then they run into another problem: lizards, who keep reappearing on the rock. With a little observation, Elinor and her friends realize that lizards like the rock because it's in the sun, and the lizards need a warm place to rest because they're cold blooded. So, the kids make a new cozy spot in the sun for their lizard friends. Eventually, the lizards move and Mrs. Beaver is able to build the bench.

Curriculum: **Science Inquiry, Life Science and Engineering through Natural Design** - Ask Questions, make observations and compare and contrast objects and events by describing similarities and differences; Understand that all animals need food in order to live and grow and that they get their food from plants or from other animals; Appreciate the way that elements in the natural world change, interact and are re-used, and how we can organize our designed world to better fit and care for the environment.

Feathers

When Ari finds a particularly cool feather and puts it in his cap, Elinor starts to wonder why birds have feathers in the first place. It's time for more observations! The group splits up and each of the kids observe interesting birds and conclude that birds need feathers for different reasons: to fly, to stay warm, and for decorations, sort of like their very own version of clothes! Mz. Mole confirms they are ALL right. In the end, Ari realizes there's another cool thing you can do with a feather - it makes a perfect sandcastle flag!

Curriculum: **Science Inquiry and Life Science** - Demonstrate curiosity about the greater world outside one's local environment; Explore how different external features of an animal help it survive in its environment;

EPISODE 107:

Bird Song

Elinor's Dad is having trouble sleeping in because of the noisy birds outside his window, so Elinor decides to find out why birds sing, and hopefully get her Dad a little peace and quiet. Ari and Olive join her, and the kids come to realize birds sing to communicate, just like how we talk to communicate. The next morning, Elinor uses a whistle to call the bird away so her dad can finally get some sleep.

Curriculum: **Science Inquiry, Life Science and Engineering through Natural Design** – Make observations about the ways that animals get what they need to live and grow; Begin to understand that systems developed in our world often work in similar ways to systems found in the natural world.

No Need to Shout

Elinor loses her voice just before she and her friends are supposed to sing their song for the class. She needs to figure out another way to perform, so she and her friends decide to observe nature outside for some ideas. They notice that all sorts of animals use different ways to communicate by using actions instead of words, like a dog wagging its tail vigorously or a baby crying. This gives Elinor the idea that she can act out the actions of the song during their presentation. The show must go on!

Curriculum: **Science Inquiry and Life Science** - Demonstrate curiosity by asking questions and making observations; Begin to understand that there are many different kinds of living things and how they may be the same or different; Observe and describe similarities and differences across different types of animals.

EPISODE 108:

Mz. Mole's Glasses

When Mz. Mole forgets her glasses at school, Elinor and her friends follow her to return them. Mz. Mole can't see anything without her glasses! The kids travel throughout Animal Town, just missing Mz. Mole at every turn. During their travels, the kids realize Mz. Mole has been shopping and getting around using different senses. By the time they finally reach Mz. Mole and return her glasses, she's got all her shopping done without them. Cool!

Curriculum: **Science Inquiry and Life Science** - Demonstrate curiosity by asking questions and making observations; Understand that animals have different body parts that are used in different ways to meet their needs.

Elinor Stops the Squish

Elinor and her friends want to bring Mz. Mole a cupcake for her birthday, but they're worried it will get squished on the way to school. The kids find inspiration in nature when they observe how different animals/creatures stay safe using their shells as a defence mechanism. Elinor, Ari and Olive use this idea as inspiration to make a shell around the cupcake using a hard coconut. Because of the kids' hard work and ingenuity, the cupcake makes it all the way to school without being squished, just in time for Mz. Mole to enjoy her present. Yum!

Curriculum: **Science Inquiry, Life Science and Engineering through Natural Design** - Ask questions, make observations, conduct investigations, and collaborate using the engineering design process; Understand that animals have different body parts that are used in different ways to meet their needs; Understand that structures and materials in the natural world can be used or can inspire the engineering of structures with similar function in the designed world.

EPISODE 109:

Speed Racer

Elinor has a need for speed and wants to make her racecar go faster! So, she and her friends observe birds and fish and come to realize that they are both very fast, because of the shape of their bodies, tails and wings. The kids then decide the best way to make their race car go faster is by changing its shape. They make the car more aerodynamic by building it the same shape as a bird or fish. Ready, set.... gooooo!

Curriculum: **Science Inquiry, Life Science and Engineering through Natural Design**
- Ask questions, make observations, conduct investigations, and collaborate using the engineering design process; Understand that structures and materials in the natural world can be used or can inspire the engineering of structures with similar function in the designed world; Begin to understand that animals depend on other living things and nonliving things in the environment to meet some of their needs.

One of These Goats

Substitute Teacher Mr. Hamster wants to learn everyone's names, but he has trouble telling the Goat twins apart, so Elinor, Ari and Olive decide to help him. This is tricky, because the Goat Twins look so much alike, especially today, when they've decided to wear the same color dress. After observing them closely and studying each Goat's characteristics, the kids realize that even though the Goats are very similar, there are many small ways to tell them apart if only you take a closer look.

Curriculum: **Science Inquiry, Life Science and Engineering through Natural Design**
- Demonstrate curiosity by asking questions, making observations and conducting investigations; Understand that individuals can be similar or different; Understand that modes of life in the natural world have patterns.

EPISODE 110:

Feed the Birds

Elinor is friends with a chickadee bird she names Chicky, but when snow covers the yard, she starts to worry about how Chicky will find food in the winter. She and her friends then observe that birds all have a unique way of finding food during the winter months, called foraging. This new knowledge inspires Elinor, Olive and Ari to build bird feeders to make food easier to find for their feathery friends!

Curriculum: **Science Inquiry, Life Science and Engineering through Natural Design**
- Demonstrate curiosity by asking questions and making observations; Understand that all animals need food in order to live and grow and that they get their food from plants or from other animals; Understand that structures and materials in the natural world can be used or can inspire the engineering of structures with similar function in the designed world.

Señor Tapir Says Adios

Elinor and her friends are sad after they learn that Señor Tapir is leaving Animal Town for the winter. They decide to give him a special going away present, but don't know what they should give him. The next morning, Elinor is woken up by a flock of birds making a special sound in the forest. She goes exploring with her mom and learns that some birds make a special call when they migrate, and that they leave, but always come back. This gives Elinor some comfort and inspiration: She and her friends come up with a going away song for Señor Tapir and sing it to him before he leaves.

Curriculum: **Science Inquiry and Life Science** - Demonstrate curiosity by asking questions and making observations; Engage in argument from evidence; Begin to understand that there are many different kinds of living things and how they may be the same or different.

EPISODE 111:

Leave It To Ari

Elinor, Olive and Ari are helping Ari's dad rake the leaves in their yard, which leads them to wonder, "Who rakes the leaves in the forest?" They need more observations, so they head out to the forest, where they look at the leaves more closely and notice that some of them are fresh, others are a little worn, and others are really old and crumbling. The kids also notice some of the dirt on the ground has little bits of leaves in it, and they realize that the leaves that fall on the forest floor eventually get old and go back into the soil, just like the compost that Ari's Dad makes.

Curriculum: **Science Inquiry, Life Science and Engineering through Natural Design** - Demonstrate curiosity about the greater world outside one's local environment; Begin to understand that animals and plants depend on other living and nonliving things in the environment to meet some of their needs; Appreciate the way that elements in the natural world change, interact and are re-used, and how we can organize our designed world to better fit and care for the environment;

Snow Friend

Elinor, Ari and Olive are building a giant Snow Friend, but there isn't enough snow to finish their masterpiece. Luckily, the next day brings fresh new snow, but this snow won't stay packed at all – it just falls apart. After they go in the house to warm up, they observe some snow melt and get sticky, and they figure out a solution - warm up the snow! When they put their plan into action, the warm snow has just the right stickiness for packing. Just in time to build a super Snow Friend. Hurrah!

Curriculum: **Science Inquiry and Earth Science** - Demonstrate curiosity by asking questions, making observations, conducting investigations, and constructing explanations and theories about natural phenomena; Understand that the Earth is made up of a variety of natural materials.

EPISODE 112:

Wind in the Web

Elinor and her friends volunteer to help Mr. Raccoon put up a sign for his bakery, but the sign keeps blowing away in the fall breeze. After Elinor observes a spider in its web and how the wind doesn't seem to affect it at all, she learns things that are wide will catch the wind, but if they have lots of holes like a spider's web, they will not. They try this new idea on their sign and cut holes in it, and it works. Problem solved, and just in time for all the folks to notice the sign and buy Mr. Raccoon's yummy baked treats!

Curriculum: **Science Inquiry, Life Science and Engineering through Natural Design**, - Demonstrate curiosity by asking questions and making observations; Identify the habitats of familiar animals in the environment; Understand that structures and materials in the natural world can be used or can inspire the engineering of structures with similar function in the designed world.

The Pokey Plant

It's Plant Day at school and Elinor is super excited to get a beautiful plant to take home. When she gets a cactus, she's a little disappointed at first, but after some careful observations, she and her friends learn lots of cool things about it, like how it grows in the desert, how it doesn't need much water and how the spikes keep it safe. Elinor decides her cactus is the coolest plant ever!

Curriculum: **Science Inquiry and Life Science** - Demonstrate curiosity by asking questions and making observations; Identify and describe the physical characteristics of a variety of plants; Compare and contrast objects and events by describing similarities and differences; Explore how different external features of a plant help it survive in its environment; Understand that plants need water and light to live and grow .

EPISODE 113:

Backyard Soup

Elinor loves making "Backyard Soup," because all the ingredients come from their backyard garden. She's eager to try the same recipe when she visits her grandma and grandpa, but their backyard is a lot different than Elinor's, because they live in the desert. Elinor learns that different plants grow in different environments as she makes a whole different "Backyard Soup" with her grandparents, where the main ingredient is cactus!

Curriculum: **Science Inquiry and Life Science** - Demonstrate curiosity about the greater world outside of their local environment; Recognize that each kind of living thing has a habitat with resources to meet its unique needs; Understand that plants need water and light to live and grow;

Colorful and Tasty

Elinor and her friends are selling lots of yummy cupcakes, but the problem is no one is buying any. The kids don't understand what's wrong, because everyone loves cupcakes. After observing how flowers attract bees through color and smell, they go back to their bake sale and decorate the table with fantastic colors, and use a fan to spread the aroma of the cupcakes. Before they know it, the place is "buzzing" and they sell every cupcake!

Curriculum: **Science Inquiry, Life Science and Engineering through Natural Design** – Ask questions and record observations about an animal's or plant's physical appearance; Understand that modes of life in the natural world and engineered solutions in the designed world have common patterns, and engineers often look to natural patterns for inspiration.

EPISODE 114:

Bubble House

The kids find a spittle bug, which is a bug that lives in bubbles. They watch it building itself a bubble house, and it inspires the kids to build one of their very own. They try to make one big bubble, but it's a lot harder than they thought, and the bubbles keep popping. After observing the spittle bug a bit more closely, they realize it uses its body like a straw to blow lots of small bubbles, so the kids imitate the spittle bug by blowing lots and lots of little bubbles in a pile, and it works. Their very own bubble house!

Curriculum: **Science Inquiry, Life Science and Engineering through Natural Design** - Demonstrate curiosity by asking questions and making observations; Construct explanations and design solutions to problems. Distinguish between living and nonliving things; Identify the habitats of familiar animals in the environment and recognize that each kind of living things has a habitat that has resources to meet its unique needs; Understand that structures and materials in the natural world can be used or can inspire the engineering of structures with similar function in the designed world.

The Syrup Tree

The kids are helping Farmer Bear as she makes her famous maple syrup by collecting tree sap and boiling it until it's syrupy, then pouring it into bottles. There's one problem though, there's a lot of bottles to fill and she only has one ladle. Inspired by how tree sap delivers nutrients to the entire tree, Elinor and her friends make the perfect delivery system that resembles branches on a tree that distributes the syrup to multiple bottles. Time for some pancakes!

Curriculum: **Science Inquiry, Life Science and Engineering through Natural Design** - Demonstrate curiosity by asking questions and making observations and identify a problem that can be solved by the design a new or improved object or tool; Understand that plants have different parts that help them survive and grow; Understand that structures and materials in the natural world can be used or can inspire the engineering of structures with similar function in the designed world;

EPISODE 115:

The Paper Trail

The kids are making a storybook when they run out of paper, so they decide to get more from the store. Unfortunately, the store is out of paper too, so the kids wonder: where can they get more? This question brings them to Mr. Beaver's paper mill, where they learn that paper comes from trees, and the trees come from— a tree farm! After learning all the steps and how nature plays a significant role in making paper, the kids realize that it's important not to waste it. This inspires them to finish their story by drawing on the back of their old paper.

Curriculum: **Science Inquiry, Earth Science and Engineering through Natural Design** - Ask questions about and discuss examples of how humans use Earth's resources; Participate in simple activities to care for the environment; Appreciate the way that elements in the natural world change, interact and are re-used, and how we can organize our designed world to better fit and care for the environment.

Bath Time

After Ari's parents let him skip bath time, he's determined to never have a bath again. This makes Elinor, Ari and Olive ask the question, why do we have to take baths anyway? They learn all about the different ways animals keep themselves clean, but Ari is

still adamant about never bathing again. That is, until he starts to get really sticky and itchy, which disrupts his playtime. He finally gives in to bath time and makes himself squeaky clean, but don't worry, he'll have plenty time to get dirty again tomorrow!

Curriculum: **Science Inquiry and Life Science** – Demonstrate curiosity by asking questions and making observations; Use the five senses and simple tools to gather and record data; Use background knowledge, experiences, and data to construct reasonable explanations and theories of natural phenomena; Begin to understand that animals and plants depend on other living things and nonliving things in the environment to meet some of their needs.

EPISODE 116:

Make Music Naturally

The kids learn that Señor Tapir is putting on a concert. They want to participate, but don't have any instruments. After hearing all of the beautiful sounds around them in nature, Elinor realizes that they can make their own by listening to nature. Señor Tapir is thrilled with their natural, handmade instruments, and together they perform a song about making music – naturally.

Curriculum: **Science Inquiry, Life Science and Engineering through Natural Design** – Ask question, make observations and use background knowledge, experiences, and data to construct reasonable explanations and theories of natural phenomena; Identify and describe the physical characteristics of a variety of animals and plants; Understand that structures and materials in the natural world can be used or can inspire the engineering of structures with similar function in the designed world.

Light the Way

The kids are having a backyard camp out, but after Elinor's Dad falls asleep, they need to find a way to communicate quietly without waking him. As they observe some fireflies, the kids see how the fireflies signal to one another by lighting up, and realize they can do that with their flashlights. They blink their flashlights on and off as a way to communicate while being quiet. Shhh!

Curriculum: **Science Inquiry, Life Science and Engineering through Natural Design, Life Science** - Observe and describe patterns and relationships in natural and observable phenomena; Understand that animals have different body parts that are used in different ways to meet their needs; Begin to understand that systems developed in our world often work in similar ways to systems found in the natural world.

EPISODE 117:

These Sneezes

While the kids are playing in the forest, Olive lets out a giant AAAA-CHOO. This startles the kids and makes Elinor curious about why we sneeze in the first place? After visiting the library, they learn that sneezes are caused by small irritants such as dust and pollen that get into your nose. They also figure out that Olive's trunk is getting irritated by flower pollen.

Curriculum: **Science Inquiry and Life Science** - Demonstrate curiosity by asking questions and making observations. Talk about and reflect on what happened during an investigation or when solving a problem, and why it might have happened. Understand that animals have different body parts that are used in different ways to meet their needs;

Ari's Lucky Shirt

Elinor, Olive and Ari are excited for a big soccer game. In order to make sure he plays well, Ari wants to wear his old lucky shirt, even though it's so small that Ari can't even move his arms while wearing it. As the kids visit Ranger Rabbit, they observe a snake that has shed its skin, because the skin became too small and uncomfortable, just like Ari's shirt. Ari learns from this and decides he doesn't need a lucky shirt to be a good soccer goalie. He needs to be comfortable and able to move around freely, just like the snake!

Curriculum: **Science Inquiry, Life Science and Engineering through Natural Design** - Demonstrate curiosity by asking questions and making observations and e; Understand that all animals have different body parts that are used in different ways to meet their needs; Understand that modes of life in the natural world and engineered solutions in the designed world have common patterns, and engineers often look to natural patterns for inspiration;

EPISODE 118:

Follow That Roly Poly

The Exploring Club is looking for somewhere really cool to explore when they find a Roly Poly that leads them on their next adventure -- under a log! After careful observation, they realize that there's an entire community of critters that lives under logs. It's a like a tiny town! Finally, they put the log back the way they found it and learn that you don't have to look far to find a grand adventure in nature.

Curriculum: **Science Inquiry, Earth Science and Life Science** – Ask questions, make observations and sort and categorize observable phenomena based on attributes; use counting and numbers to describe and compare quantitative attributes of objects; Begin to understand that animals and plants depend on other living things and nonliving things in the environment to meet some of their needs; Understand that things people do to live comfortably can affect the world around them, but they can make choices that reduce their impacts on the land, water, air, and other living things.

Rain, Rain Don't Go Away

Elinor, Ari and Olive are in the park playing when their fun is cut short, because it starts to rain. This makes Elinor wonder, "why does it need to rain?" The kids soon observe lots of ways the rain is helpful to plants and animals: it helps snails stay slimy, fills up bird baths, keeps frog ponds full, and keeps the grass green. Now the kids know that a rain shower is very useful to nature. Also, rain makes the best thing ever for kids – PUD-DLES to jump in!

Curriculum: **Science Inquiry and Earth Science** – Ask question, make observations and u; Understand that the Earth is made up of a variety of natural materials.

EPISODE 119:

Water You Doing?

While walking through the forest, Elinor and friends come across a stream and decide to make a stone walkway across it. What they didn't realize is that the stones they've moved stop the flow of water, which affects the fish living in a pool downstream. The pool gets a lot shallower, because less water gets to it. After observing how important the water flow is to the fish, they decide to remove their walkway and build a log bridge that goes over the stream instead.

Curriculum: **Science Inquiry, Earth Science and Engineering through Natural Design** – Ask questions, make observations and identify a problem that can be solved by the design of a new or improved object or tool; Understand that animals (including humans) can change their environment; Appreciate that events are connected to each other via cause and effect, and that similar links can be found in the natural and designed worlds.

Thinking About Blinking

Ari is crowned the blinking champion after winning a bunch of intense staring contests at school. As Elinor and Olive try not to blink themselves, Elinor wonders, "why do we need to blink?" The kids then set out to learn everything there is to know about blinking. After a little help from Mz. Mole and observing a fish with no eyelids, the kids learn that most animals blink automatically to help keep their eyes wet and safe.

Curriculum: **Science Inquiry and Life Science** - Ask question, make observations and use background knowledge, experiences, and data to construct reasonable explanations and theories of natural phenomena; Understand that animals have different body parts that are used in different ways to meet their needs.

EPISODE 120:

Butterfly Babies

The kids are observing butterflies and caterpillars when they realize that they've never seen a baby butterfly. How can this be?! They decide that they just need more observations and head off to investigate, but they still don't find any baby butterflies. They do come across many caterpillars, though, and to their surprise, they witness the metamorphosis occur - from caterpillar to chrysalis, then from chrysalis to butterfly. Then, they realize a caterpillar IS a baby butterfly. Amazing!

Curriculum: **Science Inquiry and Life Science** – Demonstrate curiosity by asking questions and making observations; Compare and contrast objects and events by describing similarities and differences; Understand that all animals and plants have a life cycle, can reproduce, and change and grow over time.

Elinor's Circus

Elinor, Ari and Olive decide to put on a circus for all their friends. They each have acts that involve balancing, but unfortunately, they're not great at it. They seek out some tips

from their friend, Siggie the squirrel, who is great at balancing. Siggie explains that a tail like his can help you balance, but extending your body or using long poles will help, too. Bravo, the show is saved!

Curriculum: Science Inquiry, Life Science and Engineering through Natural Design – Demonstrate curiosity by asking questions and making observations; Understand that animals have different body parts that are used in different ways to meet their needs; Understand that structures and materials in the natural world can be used or can inspire the engineering of structures with similar function in the designed world.

EPISODE 121:

Zig Zag Plant

A mystery is afoot at Elinor's school when one of the class plants grows in an unusual shape. Instead of growing straight up like the other plants, this plant is growing in a zig-zag pattern. Elinor and her friends investigate what could have happened to this plant to make it grow like that. After learning that most plants always grow up towards the sky, the kids piece together the clues and discover that this plant spent some time on its side, and then some time right side up, resulting in the zig-zag pattern! The kids love the shape of this plant, and name it "the Zig Zag Plant."

Curriculum: Science Inquiry and Life Science – Ask questions and plan and carry out investigations by recording observations about a plant's physical appearance, analyzing and interpreting data, and using mathematics and computational thinking; Understand that plants need water and light to live and grow;

Butterfly Drinks

Insect Day is coming up at school and Elinor couldn't be more thrilled to finish her home-made butterfly costume. However, she quickly runs into a problem, because she can't drink anything when her hands are busy being the wings in her costume! Elinor sets out to solve the problem with her dad by learning how real butterflies drink. After some careful watching, she realizes that a butterfly doesn't even have a mouth, but a proboscis, which looks like a long straw, and that's how they drink nectar from a flower! This gives Elinor the idea to add a super long drinking straw to complete her costume.

Curriculum: Science Inquiry, Life Science and Engineering through Natural Design - cause and effect questions about observable phenomena and i; Understand that animals have different body parts that are used in different ways to meet their needs; Understand that all animals need food in order to live and grow, that they get their food from plants or from other animals; Understand that structures and materials in the natural world can be used or can inspire the engineering of structures with similar function in the designed world.

EPISODE 122:

Frozen Fish

After the lake freezes over, Elinor and her friends wonder what happens to all of their fishy friends during the wintertime. How can they survive? Do they freeze? After Ranger Rabbit cuts a hole in the ice to check on the fish, the kids gaze down through the thick ice and learn that the whole lake isn't frozen after all. The ice is only at the top, and

there's still liquid at the bottom where the fish live comfortably when the lake freezes in the winter.

Curriculum: **Science Inquiry and Life Science** - Demonstrate curiosity about the greater world outside of their environment; Use background knowledge, experiences, and data to construct reasonable explanations and theories of natural phenomena; Recognize that each kind of living thing has a habitat that has resources to meet its unique needs.

Pirate Treasure

While the kids are playing pirates in search of treasure, pirate Ari realizes that he forgot where he hid their treasure. But, no worries, because the kids are pirates, and pirates always figure it out. Unfortunately, it's not that simple, and they can't even draw a map, because Ari can't remember exactly how to get to the treasure. Luckily, their friend Philbert the Squirrel helps them out by teaching the kids about landmarks and how to use them to find your way. So, the mighty pirates finally find their loot. Arrrrr!

Curriculum: **Science Inquiry, Life Science and Earth Science** – Ask questions and make and record observations; Understand that maps show where things are located.

EPISODE 123:

Burrowing Owl Girl

Elinor is very excited, because she's visiting her grandparents in the desert. While out exploring with her grandmother, the always curious Elinor comes across a peculiar looking owl that is smaller than any other owl she's ever seen. Even more peculiar, this owl is out during the day! How can that be? After some careful observations, she realizes she DOESN'T know everything there is to know about owls, and learns that the owl she spotted is a burrowing owl, which lives in the desert and runs around during the day. Elinor is reminded that nature is full of surprises!

Curriculum: **Science Inquiry and Life Science** – Ask questions, make observations, plan and carry out investigations and analyze and interpret data; Understand that individuals of the same kind of animal are recognizable as similar but can also vary in many ways;

Olive's Tree

Olive shows her friends her favorite tree in the forest. The next day, however, they're sad to see that the tree has fallen over. The three little scientists set out to find out why, and soon learn that Olive's tree has simply entered the final stage of its life cycle. Trees go from a seed, to sprout, to sapling, to full mature tree and finally, to a wildlife tree, which is a tree that has fallen over. Even though the tree has fallen, Olive is comforted to know that it will still be around for a long time, providing a home to many creatures in the forest.

Curriculum: **Science Inquiry, Life Science and Engineering through Natural Design** – Demonstrate curiosity by asking questions, making observations and using background knowledge, experiences, and data to construct reasonable explanations and theories of natural phenomena; Understand that all plants have a life cycle, can reproduce, and change and grow over time; Appreciate the way that elements in the natural world change, interact and are re-used.

EPISODE 124:

Speedy Swimming

The kids go to the local lake for a nice swim and discover that many animals can swim really fast. Elinor then notices something interesting -- ducks, along with other animals that swim, like frogs and turtles, have webbed feet. The three little scientists discover that webbed feet help these creatures get around easier in the water, which makes them swim faster. The kids are inspired by this discovery and use flippers to swim fast all over the lake!

Curriculum: **Science Inquiry, Life Science, and Engineering through Natural Design, Life Science, Earth Science and Science Inquiry** – Ask questions, make observations and plan and conduct simple investigations using simple tools; ; Compare how the external body parts of animals are the same and/or different and explore how different external features of an animal help it survive in its environment; Understand that structures and materials in the natural world can be used or can inspire the engineering of structures with similar function in the designed world.

Strawberry Jam

It's Elinor's Dad's birthday and he's in great spirits, because they are doing his favorite thing – going camping. But, when Elinor and Olive plan the perfect camping breakfast, they realize they're out of strawberry jam, which he loves. What are they going to do?! The two kids set out to find some strawberries and learn how to tell which strawberries are ripe and ready to be eaten and which are not. The two girls then use the ripe strawberries to make the perfect birthday breakfast for Elinor's Dad.

Curriculum: **Science Inquiry and Life Science** - Demonstrate curiosity about the greater world outside of their local environment, ask more complex questions about observable phenomena and plan and carry out investigations; Understand that all plants have a life cycle, can reproduce, and change and grow over time.

EPISODE 125:

To Bee or Not to Bee

Elinor, Ari, Olive and Koa are having a picnic in the forest, when all of a sudden, a few honey bees come over to check out the kids' food. A nervous Koa gets antsy and starts swatting at the bees because he's afraid of them. This gives Elinor an idea to help her friend get over his fear of bees. After some very careful bee observations, the kids conclude that bees are tiny and a lot more afraid of us than we are of them. They also realize that instead of swatting at bees, you should stay calm and steady when a bee is around, and you are a lot less likely to get stung.

Curriculum: **Science Inquiry and Life Science** – Ask questions, analyze and interpret data, and make and record observations to describe patterns and/or relationships in the natural world in order to answer scientific questions and solve problems; Understand

that animals have different behaviors and body parts that are used in different ways to meet their needs.

Turtle Crossing

Elinor, Olive and Ari are having a blast riding their bikes along the park's brand-new dirt bike-path. Suddenly, they must slam on the brakes: a sweet little turtle is trying to cross the path to get to a small pond on the other side. The kids learn all about how turtles' eggs are laid on land and the babies must make it back to the water when they hatch. The problem is, the dirt bike path is right in the turtles' way. After some careful thinking, the kids work together to move their new bike path around the turtle crossing and save the day!

Curriculum: **Life Science, Earth Science and Science Inquiry** - and D; Begin to understand that animals and plants depend on other living things and nonliving things in the environment to meet some of their needs and recognize that each kind of living things has a habitat that has resources to meet its unique needs; Understand that things people do to live comfortably can affect the world around them, but they can make choices that reduce their impacts on the land, water, air, and other living things:

EPISODE 126:

Big Trees

Ari's attempts to make the world's tallest toy block tower keep falling over, so he tries to get some inspiration from a special field trip to the forest to see the world's tallest trees. When they arrive, the kids are AMAZED to see the huge sequoias, which are so tall, the kids can't even see the top! They try to form a ring around the trees by having the whole class hold hands, but they don't even get close to circling the tree. This makes Ari realize how tall trees are often wide at the bottom, which gives him the perfect idea for his tower: just make it wide at the bottom!

Curriculum: **Science Inquiry, Life Science and Engineering through Natural Design** - Ask questions, make observations, and plan and carry out investigations using mathematics and computational thinking. Understand that plants have different parts that help them survive and grow; Understand that structures and materials in the natural world can be used or can inspire the engineering of structures with similar function in the designed world;

Baby Steps

While Elinor and Ari are looking after Ari's baby sister, Miri, in the park, they decide they want to teach her how to walk. But, after they try and try again, Miri still can't seem to be able to walk. Meanwhile, Olive is determined to learn a new roller skate jump, but can't seem to get it. The kids finally realize that sometimes, you can't do things, because your body isn't ready yet. With this new knowledge, they help Miri stand, and Olive gets inspired to practice until she's ready to do her new move!

Curriculum: **Science Inquiry and Life Science** - Demonstrate curiosity by asking questions, making observations, planning and carrying out investigations, and constructing explanations. Understand that all animals have a life cycle, can reproduce, and change and grow over time.

EPISODE 127:

Follow Your Nose

The kids are having fun smelling some flowers, but Ari has a bit of a cold and his nose is stuffed up, so he can't smell anything. This makes Elinor wonder why they need to smell at all. After investigating, the kids figure out that smelling is good for lots of reasons, including to be able to taste things, and to tell where things are. In the end, the girls decide to help Ari by smelling everything for him until his cold goes away.

Curriculum: **Science Inquiry and Life Science** – Demonstrate curiosity by asking questions, making observations and ; Understand that animals have different body parts that are used in different ways to meet their needs; Understand that individuals of the same kind of animal are recognizable as similar but can also vary in many ways.

EPISODE 128:

A Change of Art

Elinor and her class are painting outdoors with the town's enthusiastic art teacher, Mr. Lion, when they run out of paint. A flabbergasted Mr. Lion apologizes, but soon the kids begin to experiment with natural items they find, and discover nature is full of colors you can use to paint: grass paints green and you can use strawberries, blueberries, and blackberries to paint your canvas. The kids happily finish their paintings, and when they're all done, Elinor proudly shows off her picture, which shows her true love of nature.

Curriculum: **Science Inquiry, Life Science and Engineering through Natural Design** - Demonstrate curiosity about the greater world outside of their environment by asking questions, making observations and using background knowledge, experiences, and data to construct reasonable explanations and theories of natural phenomena; Begin to understand that there are many different kinds of living things and how they may be the same or different; Begin to understand that systems developed in our world often work in similar ways to systems found in the natural world;

The Litterbug

Elinor, Ari and Olive are in the park when they see Mrs. Hippo picking up litter and doing her best to keep Animal Town clean. The kids decide to help her, but when they finish, they realize that the park they just cleaned is full of litter again! That must mean Animal Town has a litterbug. After doing some investigating, the kids realize who the litterbug is -- it's Mrs. Hippo herself! It turns out that one of the bags she was using to collect trash had a hole in it, so she was dropping litter behind her everywhere they went.

Curriculum: **Science Inquiry and Earth Science** – Record observations and analyze and interpret data to describe patterns and/or relationships in the natural and designed world(s) in order to answer scientific questions and solve problems; Understand that things people do to live comfortably can affect the world around them, but they can make choices that reduce their impacts on the land, water, air, and other living things;

EPISODE 129:

The Unsinkable Lynx

It's a very snowy day and Elinor, Ari and Olive meet a new friend, Gael the lynx, who has just moved to Animal Town. The kids decide to play some fun SNOW TAG, and it quickly becomes clear that Gael is a master at the game. He moves impossibly fast in the snow. How does he do it? After some careful observations, the kids discover that Gael's paws are much wider than theirs, which helps him walk on top of the snow instead of sinking down into it. This discovery inspires the kids to make their own wide snowshoes!

Curriculum: **Science Inquiry, Life Science and Engineering through Natural Design** – Ask questions, make observations and compare and contrast objects and events by describing similarities and differences in detail; use background knowledge experiences, and data to construct reasonable explanations and theories of natural phenomena. Understand that living things have different body parts to suit their needs and that structures and materials in the natural world can be used or can inspire the engineering of structures with similar function in the designed world.

Rocky the Rock

Ari spots a funny looking rock with a smile on it and decides to make it his new friend, Rocky. When it's time for a snack, Ari notices that Rocky doesn't eat anything, which makes him worried. How will Ari take care of his friend Rocky? Enlisting the help of his friends, they wonder, are rocks alive? They make observations about what living things do and compare them to what Rocky does, which sparks a lively class debate. The kids decide that rocks are not alive, but that they can still be friends with nature.

Curriculum: **Science Inquiry and Life Science** - Demonstrate curiosity by asking questions, making observations, planning and carrying out investigations, and constructing explanations; Engage in argument from evidence and obtain, evaluate and communicate information; Begin to understand that animals have different body parts that are used in different ways to meet their needs, and that plants have different parts that help them survive and grow. Differentiate between and begin to articulate the difference between animate and inanimate objects.

EPISODE 130:

Echo Location

On a camping trip, the kids discover that Ari is really good at playing Marco Polo. Even without saying "Marco," a blindfolded Ari can easily figure out where Olive and Elinor are. How does he do it? They get a clue when they learn about echoing voices from a cliff face and understand that bats make a special noise only a few animals can hear that helps them know what's around them.

Curriculum: **Science Inquiry and Life Science** - Demonstrate curiosity by asking questions, making observations, planning and carrying out investigations and constructing explanations; Understand that animals have different body parts that are used in different ways to meet their needs.

Ears to You

One day while playing at the lake, Elinor and her friends notice something very interesting -- they can't see ears on some animals. That's so interesting! How do they hear? This question sets the kids off to explore, and they soon learn how frogs, fish and moles hear. Even though it looks like those animals don't have any ears at all, the kids discover they do have ears, but that they're just hard to notice, because they are good for hearing

underground or underwater. Just like there are lots of different kinds of animals, there are also lots of different kinds of ears!

Curriculum: **Science Inquiry and Life Science** - Demonstrate curiosity by asking questions about and making observations of observable phenomena. Understand that animals have different body parts that are used in different ways to meet their needs.

EPISODE 131:

Olive's Library

It's Olive's birthday party and everyone has given her a book as a present, which makes Olive very happy. However, when she goes to her room to put them away, Olive finds there's no more room. Her shelf is CRAMMED full of books. What should she do with all these books? While outside playing, the kids observe how ants share food by storing it in a special communal room. Inspired by this, the kids help Olive make a little lending library so she can share her books with everyone in Animal Town!

Curriculum: **Science Inquiry, Life Science and Engineering through Natural Design** - Identify a problem that can be solved by the design of a new or improved object or tool; Understand that structures and materials in the natural world can be used or can inspire the engineering of structures with similar function in the designed world.

Nature Walk

It's Nature Day at school and Elinor, Olive and Ari have to make a Nature Walk at recess. But, it's a windy day and they run into problems when their arrow signs keep blowing over, confusing their classmates and causing them to get turned around on the nature path. Fortunately, the three kids learn how to improve their signs by copying an idea from the trees: underground roots! The kids bury the bottom part of their arrow signs, just like a tree, which works perfectly.

Curriculum: **Science Inquiry, Life Science and Engineering through Natural Design** - Ask questions and define problems while planning and carrying out investigations; Understand that plants have different parts that help them survive and grow; Understand that structures and materials in the natural world can be used or can inspire the engineering of structures with similar function in the designed world.

EPISODE 132:

Butterfly Party

It's Olive's mom's birthday, and Olive wants to organize something really special for her: a garden party with REAL butterflies. But, how can they get butterflies to come to the party? The kids set off to observe butterflies and figure out that they like certain kinds of flowers, and not others. Mz. Mole offers to let them transplant some butterfly-friendly plants from her garden to Olive's, and it works! Before long, Olive's backyard is fluttering with butterflies, just in time for Olive's mom to enjoy her birthday party.

Curriculum: **Science Inquiry, Life Science and Engineering through Natural Design** - Demonstrate curiosity by asking questions, making observations, and planning and carrying out investigations; Begin to understand that animals depend on other living things in the environment to meet some of their needs; Begin to understand that systems

developed in our world often work in similar ways to systems found in the natural world.

More Than One Right Way

It's Halloween, and Elinor, Ari and Olive arrive in the classroom to discover Mz. Mole putting up pumpkin decorations. The enthusiastic kids want to help, so Mz. Mole suggests they make spiderweb decorations with yarn and glue. But, when each kid makes a different-looking spiderweb, they're not sure which one is the most like a real web. After observing different spiders in nature, the kids realize that different kinds of spiders make different kinds of webs, which means they were all right! They then head back into school to decorate the classroom and have a happy Halloween.

Curriculum: **Science Inquiry and Life Science** - Demonstrate curiosity by asking questions and making observations; Develop and use models; Observe and describe similarities and differences across different types of animals.

EPISODE 133:

Underground Soup

Ari and Olive visit Elinor, hoping she'll come out and play, but Elinor has hurt her foot and has to stay in bed for the afternoon. So, her friends decide to make her favorite snack, Backyard Soup! With Mr. Rabbit's approval, they go off to gather the vegetables from the garden, but many of the veggies they need seem to be missing. After investigating, they discover that the vegetables they're looking for are root vegetables, which means they're underground. They pluck and pull vegetables and make Elinor her favorite soup, changing the name to "Underground Soup!"

Curriculum: **Science Inquiry and Life Science** - Demonstrate curiosity by asking questions and making observations, develop and use models, plan and carry out investigations and obtain, evaluate and communicate information; Begin to understand that there are many different kinds of living things and how they may be the same or different.

Dandy Dandelions

When Elinor and Ranger Rabbit go help Deputy Mouse clean up his garden, Elinor becomes fascinated with dandelions. Why does Deputy Mouse want to pull them out? Elinor learns that pulling out the weeds from a garden gives the vegetables room to grow, and composting the leftover weeds is good for the soil. But, when Mz. Llama announces that she's out of spinach for her salad party, Elinor learns that dandelions are actually good to eat, and she helps Mz. Llama make a new delicacy - a dandelion salad!

Curriculum: **Science Inquiry and Life Science** - Demonstrate curiosity by asking questions and making observations, engage in argument from evidence; Obtain, evaluate and communicate information; Understand that all animals need food to live and grow, that they get their food from plants or from other animals, and that plants need water and light to live and grow; Begin to understand that animals and plants depend on other living things and nonliving things in the environment to meet some of their needs.

EPISODE 134:

A Moth Mystery

The kids are out summer caroling with Senor Tapir, singing their brand new Sunny Summer Song to Animal Town residents. But, by the time they arrive at Mr. Dog's house, it's

nighttime and they can't seem to get a word out because they are distracted by fluttering moths. After they learn the moths are attracted to Mr. Dog's porch light, they figure out an easy solution - just turn off the light! The kids learn that there are simple things we can do to lessen our impact on nature, and complete their Sunny Summer Song in the dark.

Curriculum: **Science Inquiry and Earth Science** - Demonstrate curiosity by asking questions, making observations, planning and carrying out investigations, and analyzing and interpreting data; Understand that plants and animals (including humans) can change their environment.

Just Peachy

The kids decide to give away the peaches they've picked from Elinor's peach tree to all their friends in Animal Town. Everyone loves their peaches, but soon their basket is empty. They head to Farmer Bear's farm to get more, but when they get there, they discover that there is only one peach left on the tree! Is Animal Town out of peaches? After some observations, they learn that certain fruits only grow in certain seasons. The peaches might be gone, but they'll be back next summer, and now that it's almost fall, they can pick another fresh and juicy fruit for their friends -- apples!

Curriculum: **Science Inquiry and Life Science** - Demonstrate curiosity about the greater world outside of one's local environment by asking questions and making observations. Understand that all plants have a life cycle and can change and grow over time.

EPISODE 135:

A Garden For All

Elinor gives Hazel some strawberry seeds to grow at home, but the only problem is that Hazel lives in an apartment building and doesn't have a backyard to make a garden in. That doesn't stop the kids from trying! Knowing they need the three S's (seeds, sun and soil) to grow plants, they gather what they need and discover that Hazel's balcony makes the perfect spot to grow strawberries. You really can make a garden anywhere!

Curriculum: **Science Inquiry, Life Science and Earth Science** - Understand that asking questions, making observations, and gathering information are helpful in thinking about problems; Begin to understand that animals and plants depend on other living things and nonliving things in the environment to meet some of their needs.

Band of Explorers

Elinor and the Exploring Club decide to go on a musical exploring march in the forest with all their instruments so they can play a loud song for all the animals and creatures to hear. But, while they march and play, they realize one thing is missing during their walk -- the animals and creatures! The club discovers that their loud music is keeping the animals and creatures away, so they decide to keep quiet and enjoy the sounds of nature.

Curriculum: **Science Inquiry and Earth Science** - Understand that asking questions, making observations, and gathering information are helpful in thinking about problems; Understand that things people do to live comfortably can affect the world around them, but they can make choices that reduce their impacts on the land, water, air, and other living things.

EPISODE 136:

The Little Drummer

Ari is showing off his new drum moves to Elinor and Olive when Ari's mother asks him to be quieter so Ari's sister can take a nap. Ari puts a blanket inside his drum to make it quiet, except that after Ari stops drumming, the drumming sounds continue! Where could they be coming from? The kids soon realize it's a woodpecker outside, pecking on the mailbox. They decide to put a blanket inside the mailbox to make it quiet, which makes the woodpecker fly off to find a better drumming spot. Ahh, Ari's sister can finally take a nap.

Curriculum: Science Inquiry, Life Science and Engineering through Natural Design - Understand that asking questions, making observations, and gathering information are helpful in thinking about problems; Begin to understand that animals and plants depend on other living things and nonliving things in the environment to meet some of their needs; Appreciate that events are connected to each other via cause and effect, and that similar links can be found in the natural and designed worlds.

Rest is Best

After Olive stays up most of the night reading a fun book, she decides she's going to stay up late every night until she finishes. That makes the kids wonder, why do they need to sleep anyway? They observe nature to try to understand and find different animals resting in different ways. After observing that Olive has trouble focusing and keeps yawning, the kids discover that all animals need some sort of rest in order to regain energy and stay healthy.

Curriculum: Science Inquiry and Life Science - Demonstrate curiosity by asking questions and making observations; Compare how the external body parts of animals and plants are the same and/or different; Compare and contrast objects and events by describing similarities and differences in detail.

EPISODE 137:

Elinor's Fishy Friend

Elinor is on a bit of a fish kick, so she's super happy when she comes across a new fish friend in the pond. Elinor names her friend Spotty and can't wait to show Olive and Ari, but after some time passes, she notices something peculiar about Spotty. She's grown legs! After some careful observation, the kids determine that Spotty is not a fish at all - she's a tadpole turning into a frog. Elinor couldn't be happier with her new frog friend, because now she's on a frog kick.

Curriculum: Science Inquiry and Life Science - Demonstrate curiosity by asking questions and making observations, engage in argument from evidence; Obtain, evaluate and communicate information; Understand that all animals and plants have a life cycle, can reproduce, and change and grow over time; Understand that young animals and young plants are very much, but not exactly like their parents.

Do the Crane Dance

After Mr. Lion demonstrates a fun dance for the kids, he encourages them to come up with their own dance routine to express something that they think is special. Elinor, Ari

and Olive see that the other kids are coming up with awesome dances, but can't think of what their dance should be about. When they observe some nearby cranes, they discover that even birds dance to communicate and express their feelings. Inspired, the kids do a dance that communicates to their friends what they learned and how happy they are to have discovered these amazing animals.

Curriculum: Science Inquiry, **Life Science & Natural Design, and The Arts**- Demonstrate curiosity by asking questions and making observations; Observe ways that animals and plants get what they need to live and grow; Begin to understand that systems developed in our world often work in similar ways to systems found in the natural world; Dance is a way to explore and express behaviors, feelings, ideas/concepts, and stories using movement.

EPISODE 138 - 140:

A Wonderful Journey

Elinor and her friends have a curious and fun adventure when they go camping with Ranger Rabbit to Hidden Lake, a place in the forest that they've never been to before. On their wonderful journey, they bump into Bianca, an inventor and good friend of Ranger Rabbit's who studies frogs. But, on a hike to help Bianca observe them, the kids discover that the frogs seem to be missing from the lake. Why? It's up to Elinor, Bianca and her friends to solve the mystery of the missing frogs. Together, they discover the source of the problem: the lake is being dammed by sticks from a nearby road clearing project, causing the frogs to leave. By asking questions and getting inspiration from nature, the team invents a new tool that looks like a frog's tongue to break loose the dam and save the frogs!

Curriculum: **Science Inquiry, Life Science, Earth Science, Engineering through Natural Design** - Demonstrate curiosity about the greater world outside of their local environment. Identify and solve a problem by designing a new or improved object or tool; Talk about and reflect on what happened during an investigation or when solving a problem, and why it might have happened; Identify body parts of animals and their function; Identify and observe the consequences of how plants and animals impact the environment; Understand that engineering is a collaborative process during which ideas can be exchanged and shared with others while defining a problem and working to design, test and revise a solution; Demonstrate an awareness of and the ability to discuss in simple terms the need for conservation, recycling, and respect for the environment. Participate in simple activities to care for the environment; Understand that modes of life in the natural world and engineered solutions in the designed world have common patterns, and engineers often look to natural patterns for inspiration; Understand that structures and materials in the natural world can be used or can inspire the engineering of structures with similar function in the designed world; Appreciate the way that elements in the natural world change, interact and are re-used, and how we can organize our designed world to better fit and care for the environment; Appreciate that events are connected to each other via cause and effect, and that similar links can be found in the natural and designed worlds.