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Dugie the Dinosaur

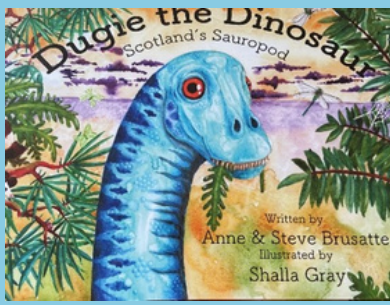
Multi-Sensory Story Resource

**A Multi-Sensory Story adapted for the enjoyment of people with
profound and multiple learning disabilities from the book**

Dugie the Dinosaur

Written by

Anne & Steve Brusatte & illustrated by Shalla Gray.



Dugie the Dinosaur

Multi-Sensory Story Resource

This story multi-sensory story has been adapted and created by The Arts End of Somewhere, supported by PAMIS, for a performance event at the Edinburgh International Book Festival.

In the accompanying resource they share how they undertook their research on dinosaurs. They also share how they created the multi-sensory story and how they adapted it.

Artists from the online PAMIS Art for Well-being Group show how they worked individually on the story to create their own way of interacting with the story as well as learning all about Dinosaurs and their environment along the way. Both groups came together for the final performance event.


Thanks to the authors, and to Shalla Gray who kindly shared their time to come online and talk to the young people about their work and what was involved in creating and illustrating the book.

2022 is Scotland's Year of Stories and these resources celebrate books, story and the creative process. They celebrate the individual experience, the group experience and the community experience. Thanks to the Edinburgh International Book Festival for providing the opportunity for the young people to show the world what they CAN do and to Shared Care Scotland for funding The Year of Stories and some of this work. Most of all thanks to the young people involved in creating this resource and to those who supported them.


We hope you enjoy the story and wish you many hours of enjoyment creating and developing your own way of engaging with Dugie the Dinosaur. Have fun!!!



Dugie the Dinosaur



Sensory elements have been written in white beneath the sentences and some ideas for making sensory items at home to help interact with the story both during the event and for your ongoing telling of the story have also been included.




Page 1: Scotland, 170 million years ago, The Jurassic Period!




Sensory: Scottish flag.



Page 2: It was warmer, and full of dinosaurs!




Sensory: Something warm (feel). Dinosaur soundscape (hear).



Page 3: In one lagoon there was a family of long-necked dinosaurs. One of the babies was called Dugie. He loved eating the juicy seaweed that grew there.




Sensory: Dinosaur toy. Seaweed (smell and feel.) or make Squelchy eating sounds (hear).



Page 4: He wasn't allowed out too far, because past the waves lived little crocodiles that liked to snap.




Sensory: Ocean drum (hear). Or Crocodiles to touch or see.




Page 5: So, Dugie kept to the shallows, stomping, and splashing and gobbling as much seaweed as he could. Dugie was so busy munching; he didn't notice the wind getting stronger. Or the rain starting. It was a storm!

Sensory: Storm soundscape, rain stick, or thunder tube (hear).




Page 6: He stomped out of the water as fast as he could, onto the land and into the forest. He stamped into a clearing surrounded by tall trees and lush ferns. Suddenly, Dugie heard an odd noise. He looked to find the noise and spotted a stegosaur with plates on its back and spikes on its tail.

Sensory: Fern leaf canopy (to see). (a toy stegosaurus dinosaur can be among the trees)




Page 7: It was trapped by a fallen tree but was still chewing on some leaves within reach. Are you okay?" Dugie asked. "You look very uncomfortable." The stegosaur blinked. "My name is Scottie. The branches fell in the storm, and I'm stuck."

Sensory: Sticks, rocks, pinecones, and leaves (feel and see). Alternatively, a Pine sensory spray could be used if people prefer, and they are not allergic to the smell




Page 8: Dugie stretched proudly. “Well, I’m Dugie and I’m a long-necked dinosaur!” With that, Dugie used his long powerful neck to knock the branches away. “Thank you,” Scottie said solemnly. “We don’t get many long necks in the forest. Where are you from?” “I live in the lagoons, but the storm came.”

Sensory: Scottie prop




Page 9: Dugie asked Scottie if he knew how to get to the lagoon, but he didn’t know. Suddenly, they heard a rustle in the bushes further in the forest. They followed the sound.

Sensory: Pile of leaves to rustle (to hear).




Page 10: Then, out of the leaves crawled something very unusual. It had a long beak and pointy arms. It was one of the flying creatures Dugie had seen above the lagoon.

Sensory: have some feathers or make some wings to fly.



Page 11: “Are you ok?” Dugie asked curiously. “Hello, I’m Maggie, a pterosaur. I got blown away by the storm and all these trees are in my way. I can’t get back to the sky.”



Page 12: “I’m scared too. I got separated from my family in the storm and now I’m lost. Scottie, do you know the way back to the clearing?”



Page 13: Scottie nodded. Dugie turned to Maggie. “Hop on to my head! I have a nice long neck so you will be up high and safe. You can fly from the clearing!”

Sensory: Tapping head gesture.



Page 14: When they got back to the clearing, Maggie flew from Dugie’s head. She could see the lagoon in the distance. “Dugie, I can see your family!” Dugie cheered as he and Scottie followed below – he was on his way home!

Sensory: Whooshing/air rushing sounds (to hear). Fans/feathers (to feel air blowing).



Page 15: “STOP!” shouted Maggie suddenly. She had seen something dangerous heading right for them!

RAPTORS!



Sensory: STOP sign (to see).



Page 16: “Meat-eaters! Run! Follow me, I can see a path!” Maggie yelled. Dugie and Scottie stomped as fast as they could. The raptors raced closer, snapping their jaws, and slashing their claws. “This way!” Maggie shouted from the air. “No, this way! The lagoon is ahead!”



Sensory: Claw gloves (to feel.) Stamping feet gesture (to see or hear). Growling sounds (to hear).







Page 17: Finally, they saw the lagoon! Scottie was not used to the wet sand and slimy rocks. He slipped, and the raptors pounced onto his back! “HELP!” Scottie cried.

Sensory: Shouting “HELP!”





Page 18: Then, Dugie remembered what his Granny once told him. He was special, not only because he had a long neck, but a long tail too.



Page 19: Dugie whipped his tail back. THWACK! He swung at the raptors, sending one into a mud puddle. WHOOSH! Dugie slashed his tail again and smacked the other two raptors, sending them flying past Maggie deep into the forest.

Sensory: Long tail prop (to see and feel).



Page 20: Dugie ran up to his family and nuzzled in beside them. They had been so worried, but Dugie had returned a hero! The whole herd was now safe. Dugie smiled at his two new friends, together they made a Dino-mite team!

Sensory: Trophy (to see and feel).





Crafty ideas to help you tell the story.

Creating your own items to help get to know the story is fun and below are some ideas to help you interact with the story. We hope you enjoy this multi-sensory story performance, and you can adapt it to suit your own sensory preferences.

Below are some ideas but you will have lots of your own.

Page 1. Wave a flag or make one by using blue and white tissue paper or pom poms on card to create the St Andrews Cross.

Page 2. Mop your brow with a cloth or if you have a wheat bag heat it beforehand.

Page 3. If you have a long-necked dinosaur toy you could use that, if not you can draw, cut out and colour in an image of a Sauropod. You could also print and cut out an image of a Sauropod then glue it to some card and tape it to a stick.

Page 4. Sensory Ocean drum made with paper plates.



What you will need:

- paper plates,
- scissors,
- stapler,
- tape,
- paints or crayons,
- some rice, beans, or lentils, depending on the sound you want your ocean drum to create.

How to make the ocean drum:

- Take two paper plates and draw, paint, or crayon the outside of the plates with your chosen design. You can cut a picture out and glue it on if you prefer.
- Put a little of the lentils, beans, or rice onto one plate then place the other plate on top and staple around the sides, then finish by taping the two plates together to avoid the rice falling out of the spaces between the staples. You now have an ocean drum.

Page 5. This depends on what soundscape you want to create. You could crackle some foil, if you have a thunder tube you could use that or you could make a rain stick from a pringle tub.

Making a Rain Stick.

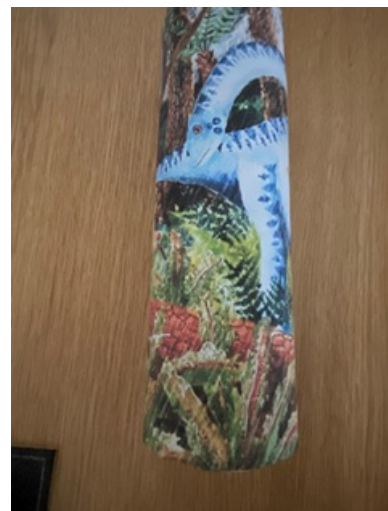


What you will need:

- an empty tube,
- Sellotape,
- paints, crayons,
- leaves or your favourite tactile crafty items. You can decorate it any way you want to, it's your rain stick.

- Decide on your rain stick design and take a piece of paper that will be large enough to wrap around the empty tube. Again, you can paint crayon or cut out shapes or pictures and glue them onto your paper ready to wrap round your tube if you prefer.
- Wrap your drawing around the tube and Sellotape or glue it to the tube.
- Put some lentils or rice in the tube and tape the lid on.

Now you have a rain stick.



Page 6 You could have fun splashing with water and a dinosaur at this part of the story. If water isn't your thing, you could create a sensory umbrella forest.

What you will need:

- For the water just a basin of water to splash in. Place sticks, rocks, pinecones, and leaves in a box or on a tray to enable the person to feel all the natural textures.
- You could draw and colour in a dinosaur to represent Scottie the dinosaur. Then cut it out and put it on a stick.
- For the Sensory umbrella, the forest is dense, so a dark umbrella is best and simply collect lots of foliage and tie it to the broolly.

Choose what you want from these suggestions, or you might think of something else.

Page 7. Collect Sticks, rocks, pinecones, and leaves and put them in a box on a tray for the person to touch. (if you haven't already done this).

Page 8. Stretch and show the Dugie stimuli.

Page 9. Rustle your leaves.

Page 10. Have some feathers to wave or you can make some wings



Making your own wings.



What you will need:

- Coloured Yarn/Wool,
- Scissors,
- Sellotape,
- Hole Punch,
- Elastic Bands.

- **Step 1:** Spread out a strip of Sellotape, the length of your arm on the table, sticky side up.
- **Step 2:** Cut lots of strips of different coloured yarn/wool, and stick them all onto the Sellotape, just at one end. Let the other end hang down. Leave a few inches empty on the right end of the Sellotape. Repeat this process until you have a curtain like creation.
- **Step 3:** Do this a second time, this time leaving a few inches empty on the left side of the Sellotape.
- **Step 4:** Stick down another piece of Sellotape on top of the one you're working with, sealing in the yarn/wool. (See image 1)
- **Step 5:** Measure another piece of tape along your shoulders. Place this piece in-between the two wings and stick them all together. It might be easier to do this on the floor. (See image 2)
- **Step 6:** Pop a second piece of tape on top of this piece so that it doesn't stick to you!
- **Step 7:** Punch a hole in the two ends of the tape that you left empty. Pop a large, loose elastic band through this hole and loop it around your middle finger on each hand. Flip the wings so that they're in position hanging down from the back of your arms, and voila!
- **Optional step:** You can trim the yarn so that it's all the same length if you like, or leave it as is!



Page 11 and 12 - the spoken word using appropriate tone of voice to convey the mood

Page 13 - Tapping on the head

Page 14 - Whooshing/air rushing sounds, use the voice or you can use fans/feathers to signify air blowing.

Page 15 - Making a stop sign. Cut out and colour a stop sign using your favourite colours and shout STOP. You could also glue on different textures you like to touch to create your stop sign.

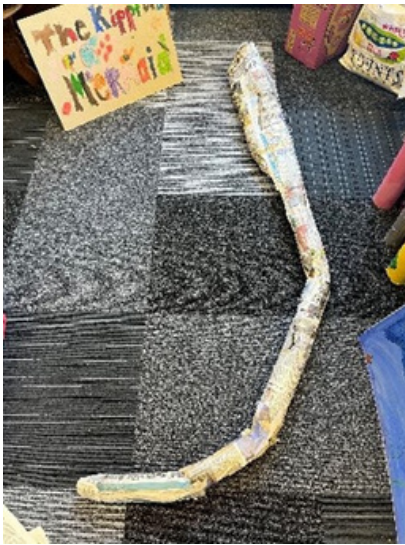


Page 16 - You could bang a drum if you have one (or use the bottom of a pot with a wooden spoon), make a snapping image with your fingers or any noise that signifies a frenzy of action.

Page 17 - You could use Kinetic sand if you have it and the person you are supporting enjoys the texture. You could also use a rocks, or you could use a bowl of water for the lagoon.



Page 18 &19 - Dugie remembers what his gran told him, and he springs into action with his large tail.



What you will need:

- **Several empty plastic bottles of varying sizes,**
- **tape,**
- **newspaper,**
- **PVA glue,**
- **big paintbrush.**

Step 1: Organise the plastic bottles in order from biggest to smallest. Group 3 of the biggest together in a pyramid shape. Use tape to secure them together.

Step 2: Group another two of the larger bottles together, taping one on top of the other. This should be the same height as the pyramid of three bottles.

Step 3: Place them next to each other, and then use the rest of the bottles to continue the shape to create a long tail, with the smallest at the end.

Step 4: Once you have made the shape you want, use tape to secure all the bottles together.

Step 5: Starting from one end, cover the bottles in PVA glue and stick-on torn bits of newspaper. We used a big paintbrush to apply the glue. This should cover any bumps and ridges on the bottles.

Step 6: Continue this until the whole shape is covered in gluey newspaper and feels as smooth as possible. Really use that glue to stick down any flyaway bits of newspaper. (See image)

Step 7: Let dry overnight.

Step 8: Once the tail is dry, and if it all feels secure (i.e., you can lift it up without it falling apart), it's time to paint! We are using blue, as our Dinosaur is blue, but you can use any colour you would like. Some texture would be fun too!

Step 9: Let it dry and you're all done!

Page 20 - Everyone is together again, and Dugie was a hero. You can represent this in the way that is best for you, but the group chose a trophy to represent Dugie's achievements.



What you will need:

- **scissors,**
- **cardboard and some glitter or your favourite tactile objects.**

Draw your trophy, cut it out and decorate it.