





## **Innovative Adventures of Farmer Duxter**

A fun-filled challenge blending literacy, STEM, and environmental design!

Once upon a sunny day, in a land not far away, there was a farm as green as spring, where every bird loved to sing. This farm was not just any plot; it was a special, sustainable spot. Farmer Duxter, clever and wise, watched his farm with thoughtful eyes. He had a dream to make it grand, the most innovative farm in the land!

Farmer Duxter, with a heart so true, wanted his farm to be designed by you. He planned a farm stand, bright and new, to sell his crops, fresh with morning dew. But Duxter had a thought, one day, to make his farm stand a fun play. "A petting zoo would be a delight, but safety for all is my foremost plight!"





In came the idea, brilliant and bright, a catapult for food, to the animals' delight! "No more worries of nipping bites or cups stuck in snouts, day or night. Kids will laugh with glee, as they fling treats safely, you'll see."

Next was the pumpkin packing plant, Duxter thought, "I need a way to distribute the pumpkins bought." He dreamed of a pulley, sturdy and strong, and a ramp, smooth and long. "Pumpkins will glide like leaves in the breeze, making packing a wonderful ease!"



For his farm, bright as day, Duxter had another smart way. "Lights that glow only when near, saving energy, year to year. A farm so bright, yet gentle to night, will be a sustainable sight!"

But wait, there's more to Duxter's plan, a special haven, splendid and grand. A turkey haven, safe and free, where turkeys roam, full of glee. "No fear of Thanksgiving, my feathered friends, in this haven, your safety extends. Here you'll strut, gobble, and play, in this pen, you'll happily stay."







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This haven, a sight to behold, with shady trees and fields of gold. Duxter smiled, watching them prance. In their safe haven, they loved to dance. "Here, my turkeys, you're part of the farm, safe from harm, full of charm."



But one day, oh what a scene, Duxter slipped in the pig pen, unseen. With a twist and a shout, down he went, in the mud, quite bent. "Oh no, my leg!" he cried in dismay, now in a wheelchair, he must find a way.

The animals gathered, worried and sad, to see their farmer, hurt and bad. The wise old owl, perched up high, spoke in verse, under the sky:

"In times of trouble, we must unite, together we're strong, with all our might. Design a solution that is clear clear, together we'll conquer, have no fear!"

Farmer Duxter, with a heart so bold, knew his farm story was yet to be told. With animals talking, and machines so smart, his farm will become a sustainable art. Now with your help, dear children and bright, let's make Farmer Duxter's dream a delightful sight!

With creativity and minds so keen, let's build this farm, as never seen. A turkey haven, a petting zoo, a pumpkin packer, all brand new. Lights that dance with the moon's soft glow, and paths for Duxter, smooth to go.

So come along on this adventure grand, let's lend our brains and our hands. For in this story, our journey's just begun, together we'll build, and have lots of fun!