



MAGICAL BEANS

A GIANT

AND THE SCIENCE OF

**JACK AND THE
BEANSTALK**

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THE SCIENTIFIC METHOD

1. ASK A QUESTION

Ask yourself, "What do I want to learn more about?" or "I wonder what would happen if ... ?"

2. FORM A HYPOTHESIS

Make a prediction or an educated guess about what might happen.

3. EXPERIMENT

Test your hypothesis by making a plan and conducting an experiment.

4. OBSERVE AND RECORD

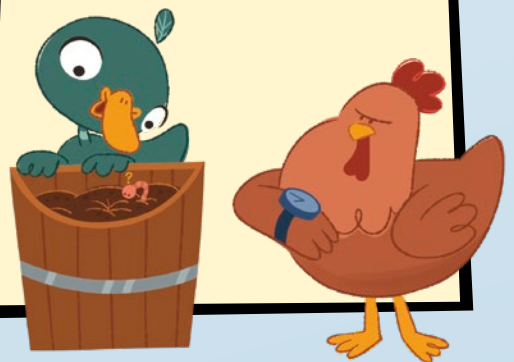
Make careful observations during your experiment and write down what you see.

5. ANALYZE THE DATA

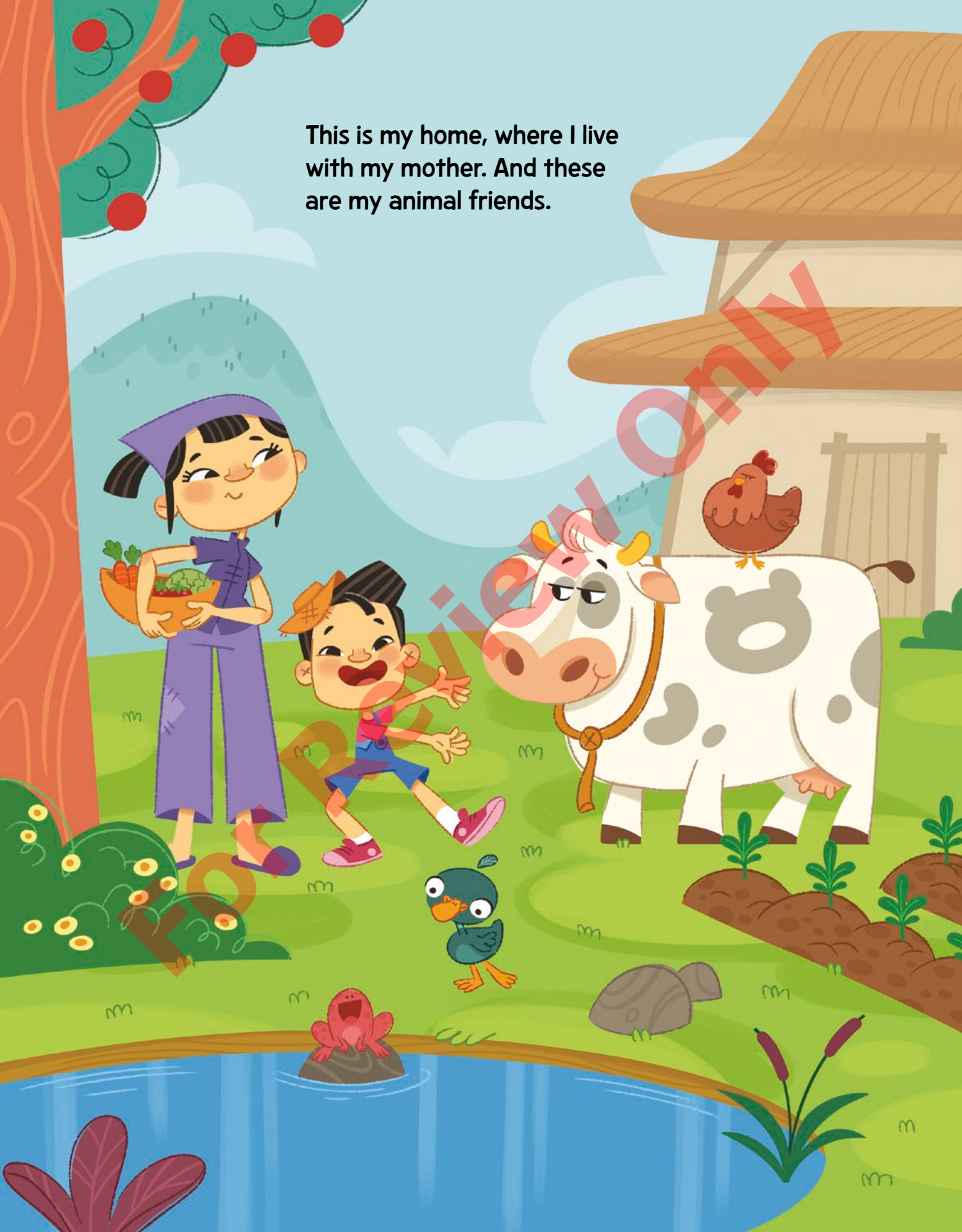
Collect and study the results of your data. Was your hypothesis correct?

6. DRAW A CONCLUSION

Make your conclusion and share your results.

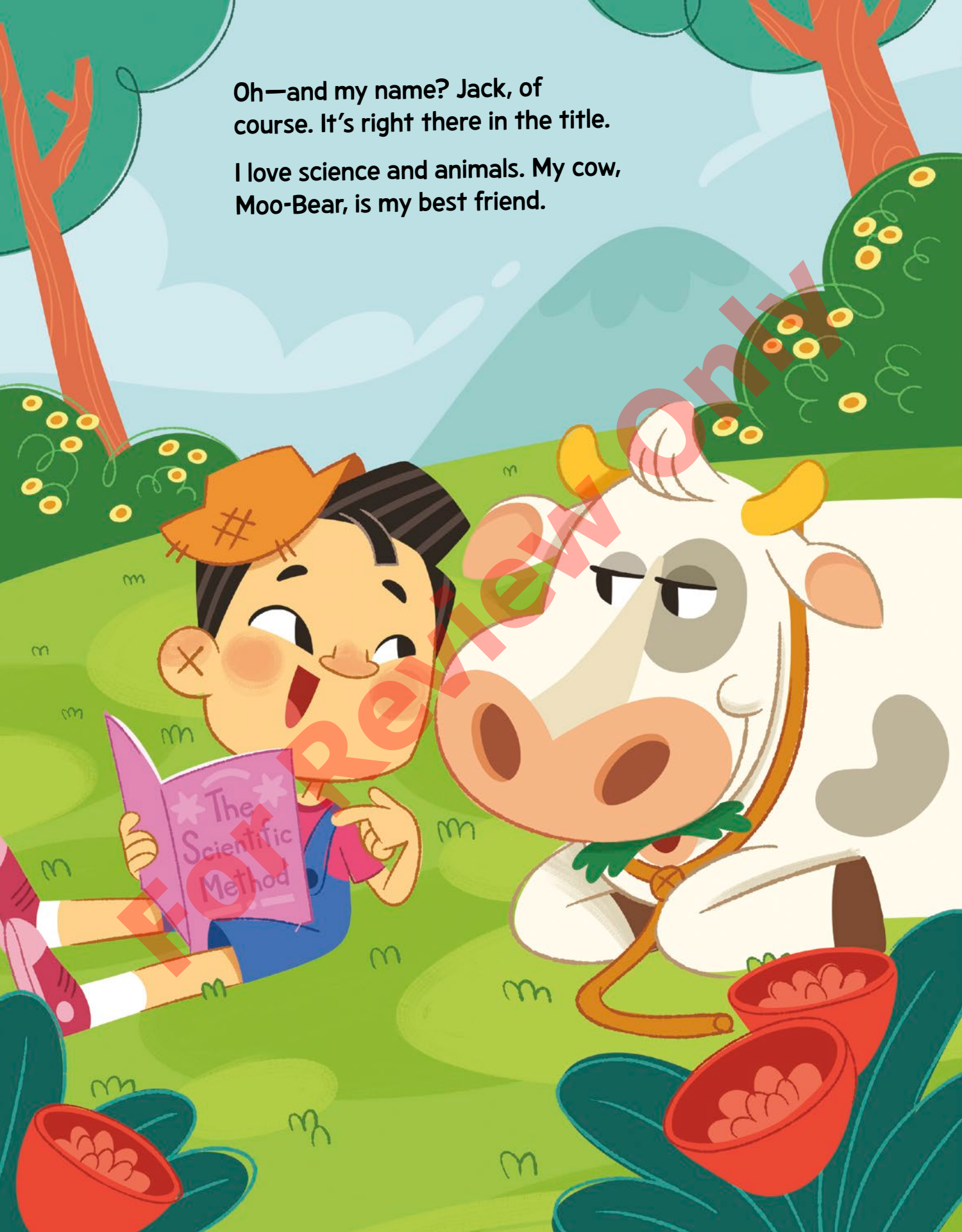


This is my home, where I live
with my mother. And these
are my animal friends.

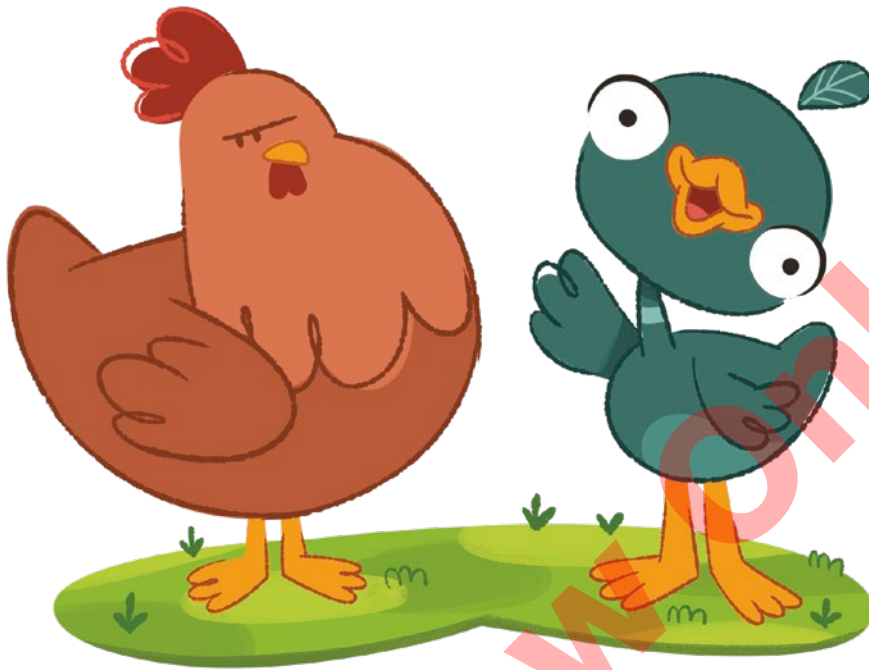


Oh—and my name? Jack, of course. It's right there in the title.

I love science and animals. My cow, Moo-Bear, is my best friend.



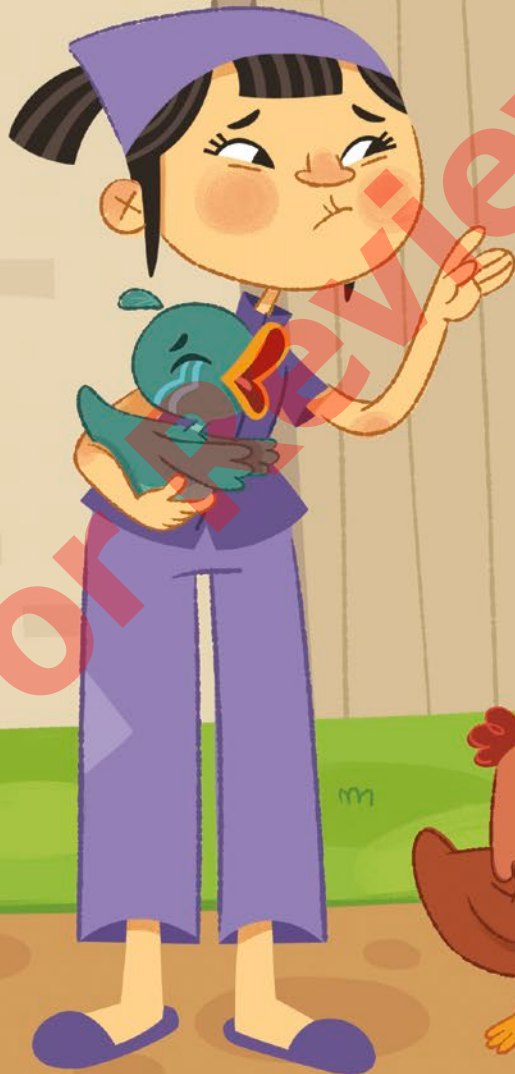
Then there's Mrs. Cluckworthy and Mrs. Pluckenduck.



I know what you're thinking. This story is called *Jack and the Beanstalk*, so where's the beanstalk?



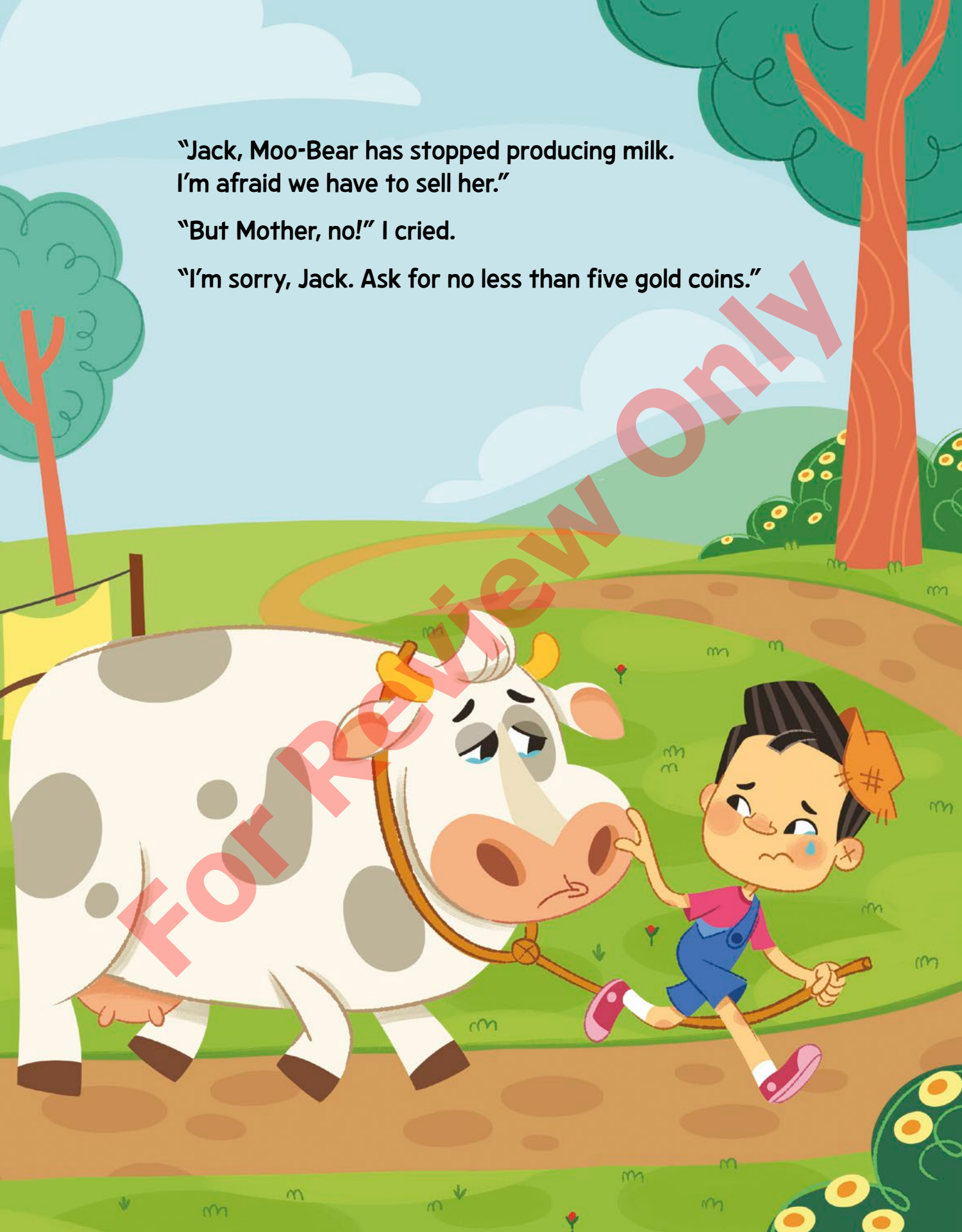
We aren't rich, but Mother always has ideas to help us get by. However, everything changed the day she had an idea I did *not* like.



"Jack, Moo-Bear has stopped producing milk.
I'm afraid we have to sell her."

"But Mother, no!" I cried.

"I'm sorry, Jack. Ask for no less than five gold coins."





At the market, a mysterious old man offered to buy Moo-Bear.

"My, what a fine cow!" he said. "I'll pay you five magic beans for her."