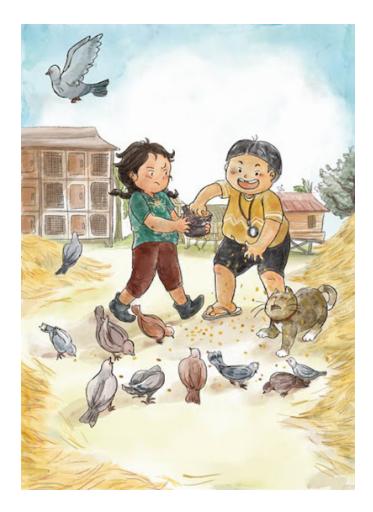


Saving Pigeon's Eggs Rauhiyatul Jannah Miski Nabila Fasya





Fatih went over to Rosma's house. He wanted to feed the pigeons. But Fatih scattered too many seeds!



Coo! Coo! A pigeon was brooding her eggs. Wow, what does a pigeon egg look like when it's being brooded?



Fatih slowly approached to see. Oh no, the pigeon flapped her wings. She must be feeling disturbed. Bird feathers and droppings scattered everywhere. Fatih started to sneeze.



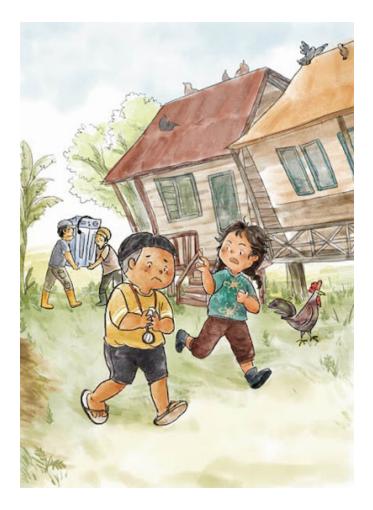
The pigeon quickly flew away. Fatih tried to run after her. Rosma was busy trying to save the pigeon eggs.



Fatih couldn't catch the pigeon. Who would brood the eggs now?



Would another pigeon take the mother pigeon's place? Ah, they all refused.



"Oh, Uncle Joko's hen is also brooding," Rosma remembered. Maybe the hen could replace the mother pigeon. Fatih and Rosma quickly made their way to Uncle Joko's house.



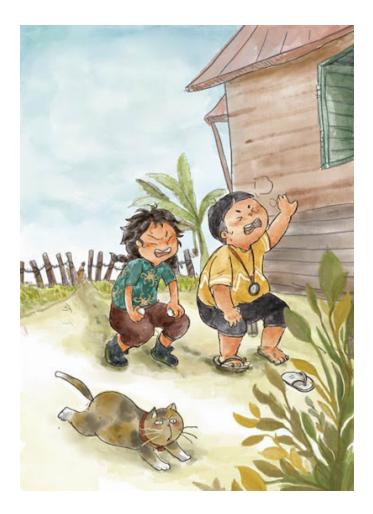
There was the hen. Fatih carefully placed the pigeon egg near her.



The hen turned her head and got up from her nest. Fatih stepped back in surprise.



The hen clucked and attacked Fatih. Fatih shrieked and quickly ran away. Rosma was also surprised and ran, too.



The hen finally stopped chasing them. Fatih and Rosma went back home. Rosma grumbled under her breath. She blamed Fatih for what happened.



Fatih had another idea. His gaze fell to Kiti the cat. What if Kiti were to brood the egg? Rosma agreed.



Fatih slowly picked Kiti up.



He set Kiti down on top of the egg. Kiti started to fidget in protest.



Meow! Kiti was very annoyed and tried to scratch Fatih. Fatih and Rosma almost lost hope. Was there any other way to brood the egg?



Rosma's dad actually owned an incubator. This machine was used to hatch eggs faster. Unfortunately, the incubator was broken.



Rosma explained how an incubator worked. There were lamps inside the machine. The lamps gave warmth to the eggs.



Rosma suddenly tugged Fatih's hand. She asked him to build an incubator with her. They can make one out of cardboard boxes.



Rosma's dad taught them how.



Fatih and Rosma gathered the equipment quickly. Fatih brought a desk light and a feather pillow. Rosma took a bowl from her kitchen.



They began to build a simple incubator.



Hooray! Fatih and Rosma made their very own incubator.



They still had to lay the eggs in the incubator.



How should they arrange the eggs? Should they stack the eggs or place them side by side?



Fatih and Rosma decided over a game of rock, paper, scissors.



Rosma won. They stacked the eggs on top of one another.



Fatih and Rosma observed the eggs every day.



The lamp had to be on at all times.



Rosma added water to the bowl every day.



The steam kept the eggs moist.



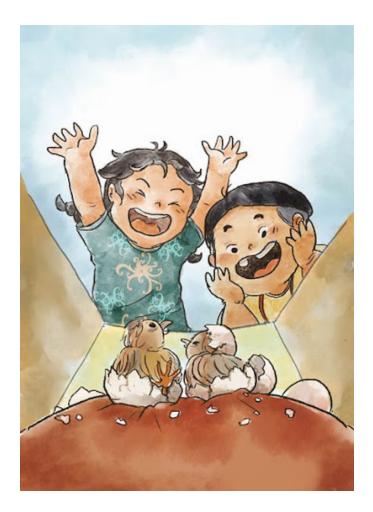
The eggs also had to be turned over frequently.



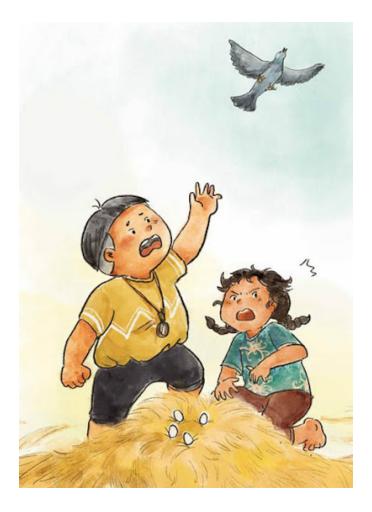
After three weeks, they took out the eggs from the incubator. Oh no, why was there a stinky smell coming from one of the eggs? It must have gone bad.



The other eggs seemed fine. Two of them were hatching!



Fatih and Rosma closely observed. They saw little legs and heads poking from the inside. Hooray! Finally, Fatih managed to help Rosma.



Let's Learn About: Incubating Eggs

Sometimes pigeons stop brooding their eggs. One of the reasons is a loud sound, for example Fatih's sneeze in this story. Breeders would use incubators to incubate large quantities of eggs over a short time. The temperature and humidity inside the machine are made very similar to when the eggs are incubated by the mother bird. Just as the mother bird does, the eggs must be turned over in order to distribute the heat and moisture evenly. Sometimes, an egg might go bad and emit a foul smell if bacteria from the outside manages to get inside. Hatching eggs in an incubator happens faster because stable temperature and humidity can be maintained.



This book development project focuses on science, technology, engineering, and mathematics (abbreviated as STEM) themes in children's daily lives. This project involves almost all female writers, illustrators, editors, and designers. This book was developed through a book development workshop held in collaboration with Litara Foundation and The Asia Foundation through the Let's Read program with the support of Estee Lauder Companies Charity Foundation (ELCCF). Let's Read is a digital library platform with a collection of thousands of children's storybooks that can be accessed easily and for free. Mentoring along with story, text, illustration, and design editing are carried out by the Litara Foundation. The Litara Foundation is a nonprofit organization dedicated to promoting literacy through children's books.

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