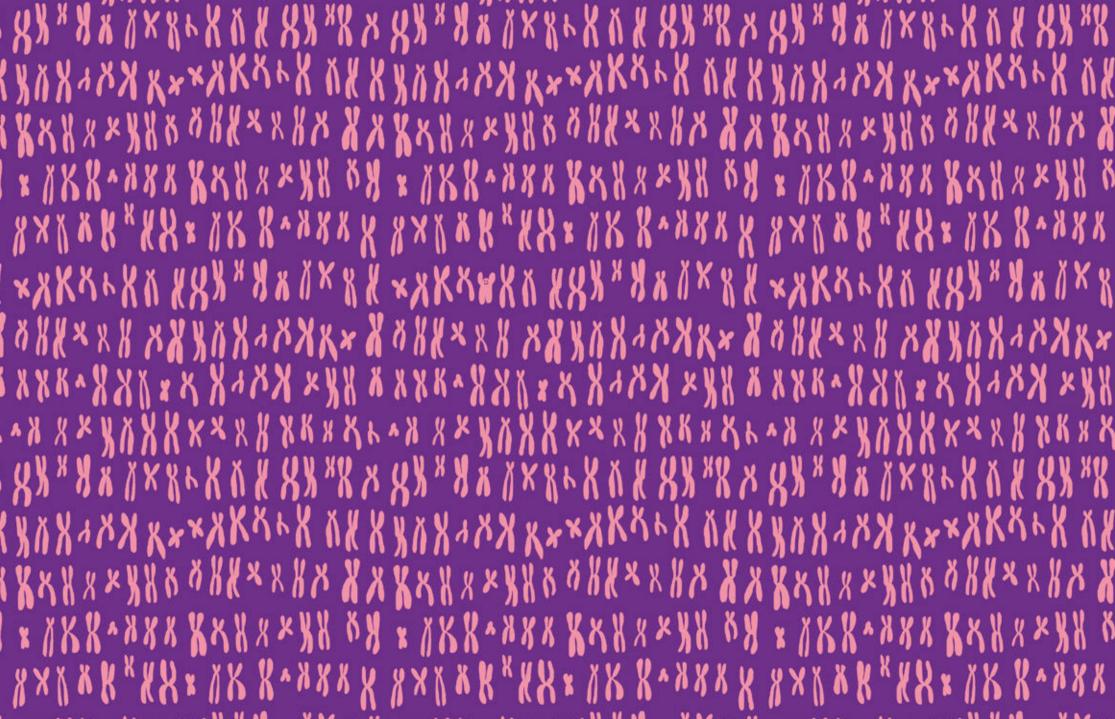


Sanna Kalmari • Ulla Parisaari • Ilona Partanen





The Recipe for a Person.

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Printed: Otavan Kirjapaino Oy, Keuruu 2015





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Emma and Jonah are playing in their room. Manda the Hamster bustles about in her cage.

- I wonder why the hamster has fur but we don't? Emma asks.
- Yes, and why you have dark hair and my hair is fair?
 Jonah asks in turn.

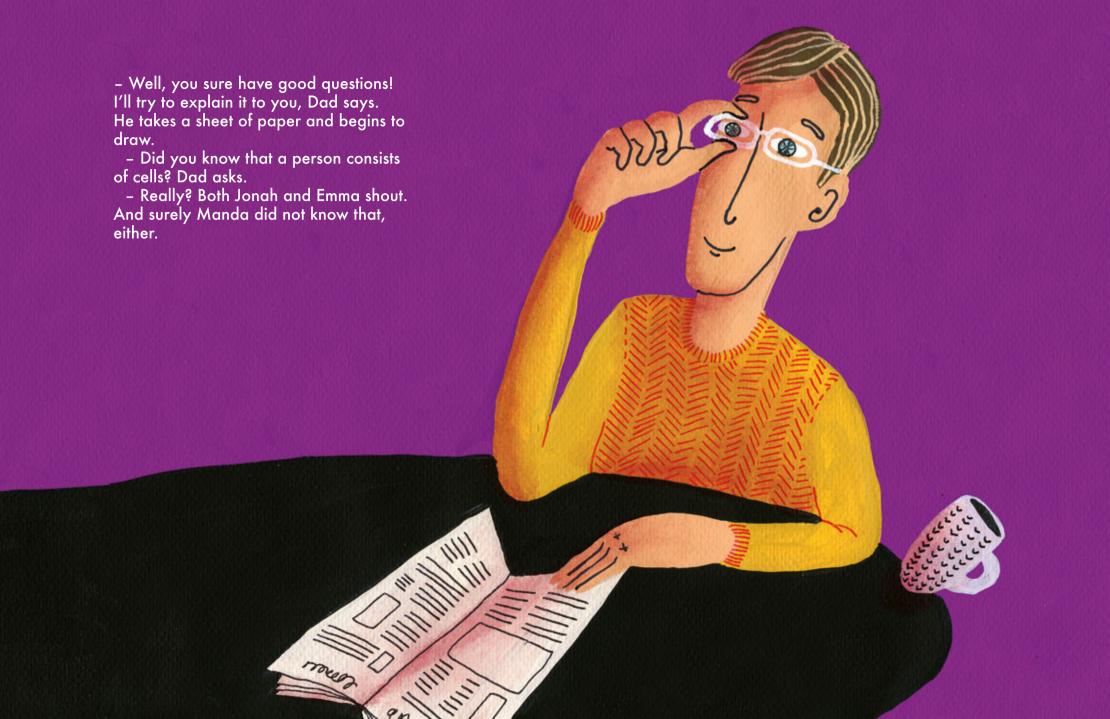
And why you are so much smaller than I am, though you are older, Emma continues excitedly.
 Neither one of the children know the answers. Nor does Manda the Hamster, who looks through the bars of her cage

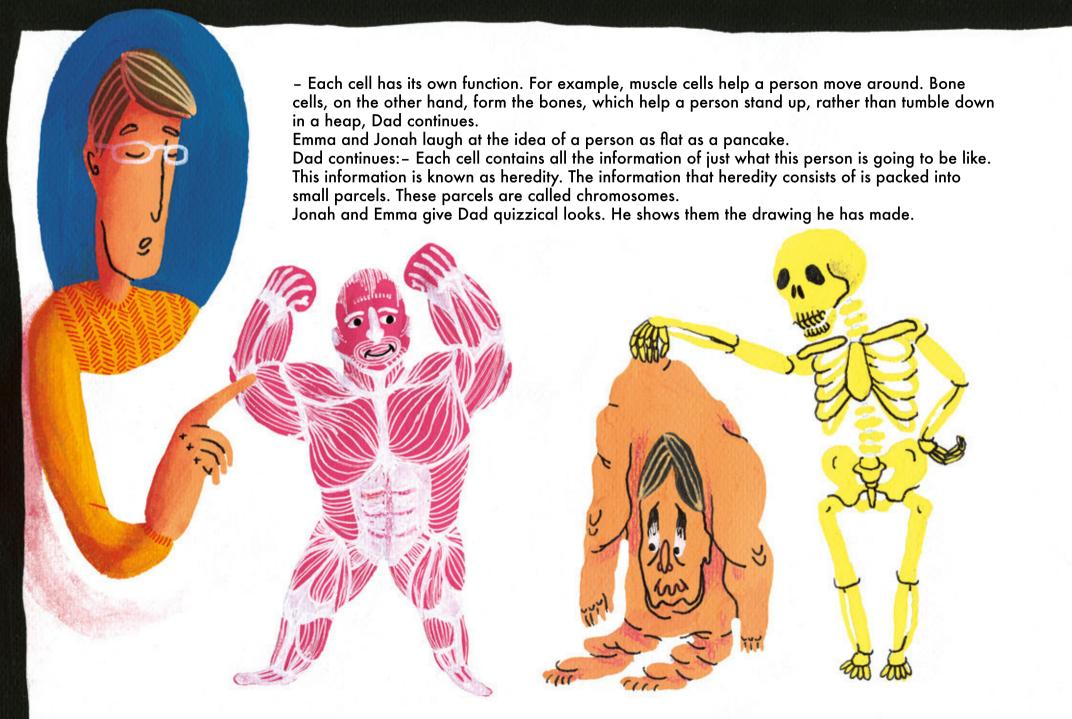
Manda the Hamster, who looks through the bars of her cage in wonder. Emma and Jonah pick Manda up from her cage and go to Dad in the kitchen.

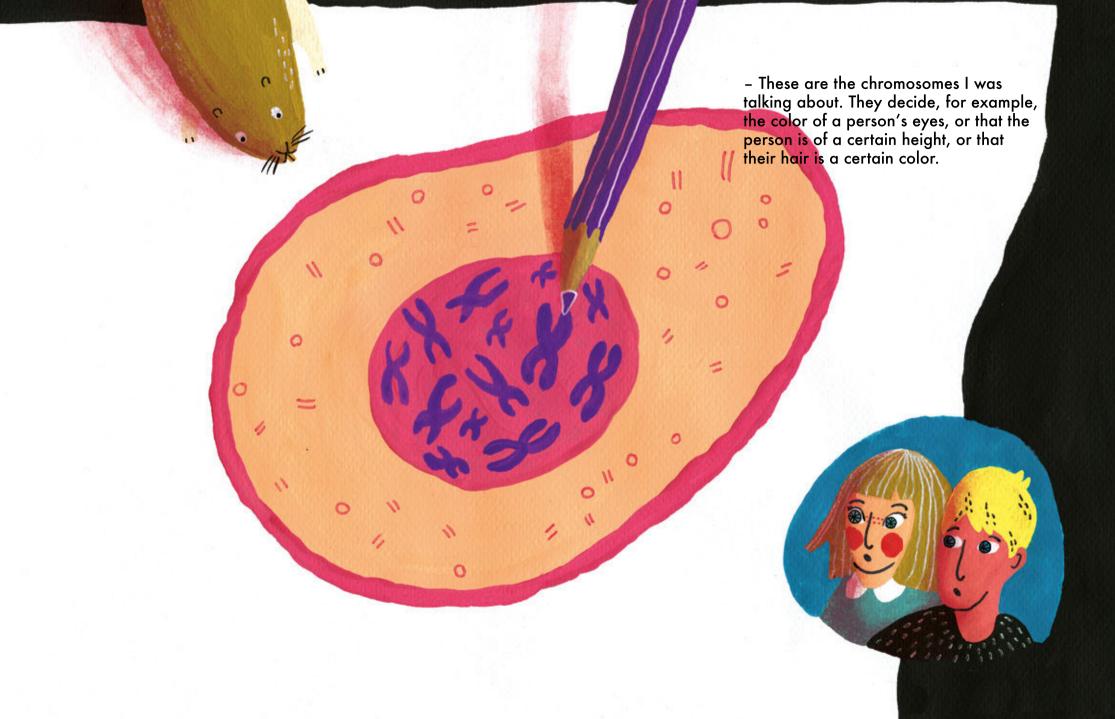








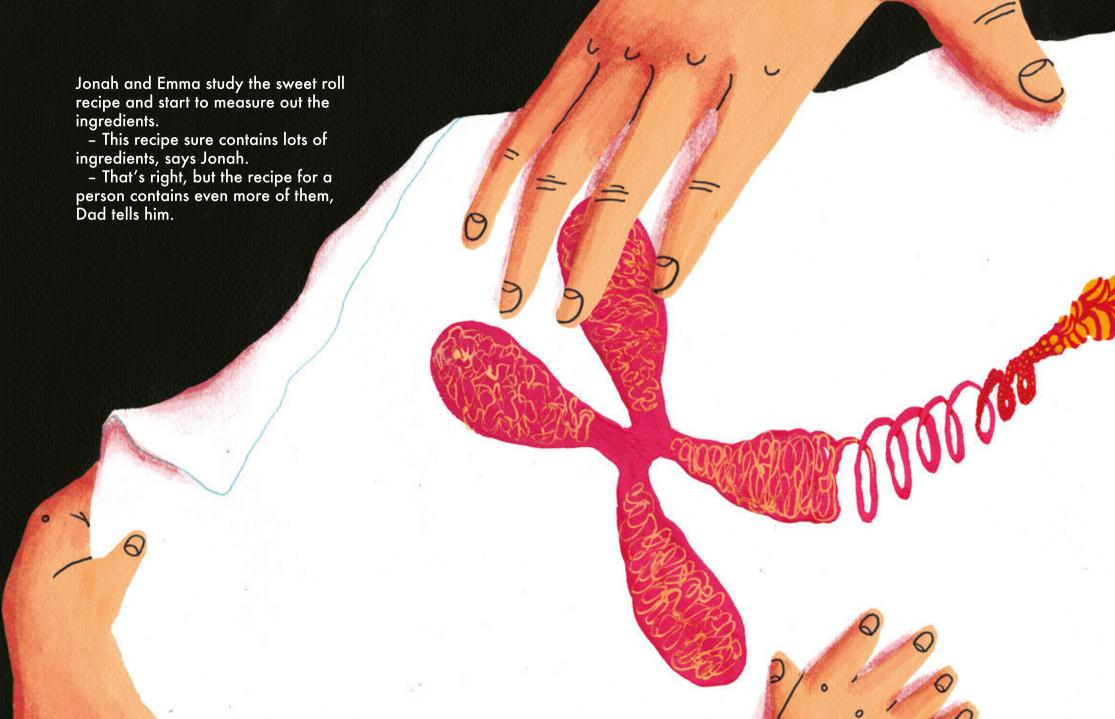






- Heredity is like a recipe for sweet rolls, Dad continues. The rolls take different ingredients, and so does a person. We can think of each person having their own recipe.
 - A sweet roll recipe makes sweet rolls, a cookie recipe makes cookies and a person recipe makes people, Emma realises.















They place the rolls in the oven and Jonah, Emma and Dad sit down on the floor to watch them bake.

- A person is made in the mother's belly, says Emma knowingly.

- All those rolls are slightly different, just like all people are different, Jonah realises.

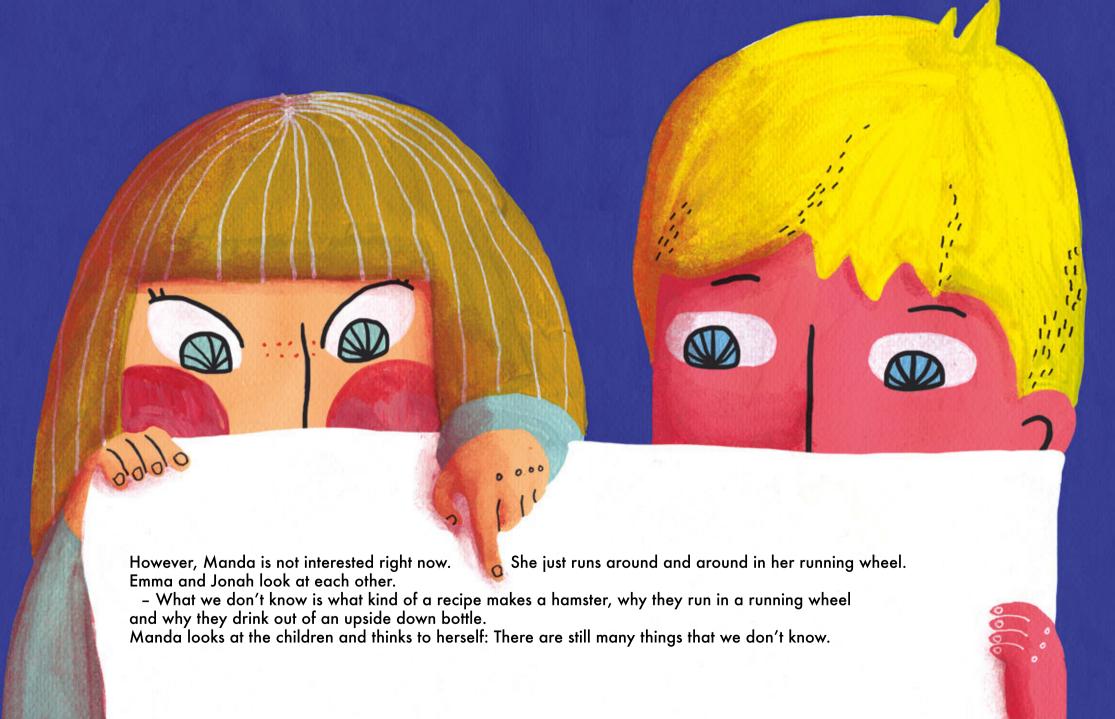
- Every person has their own cells, genes and chromosomes. That is just like their own recipe. And some people are quite short, like Jonah. And some have brown hair like you, Emma. Emma nods and goes on:- And for some, the recipe is such that they cannot walk, or maybe do not see or understand things as well as others.







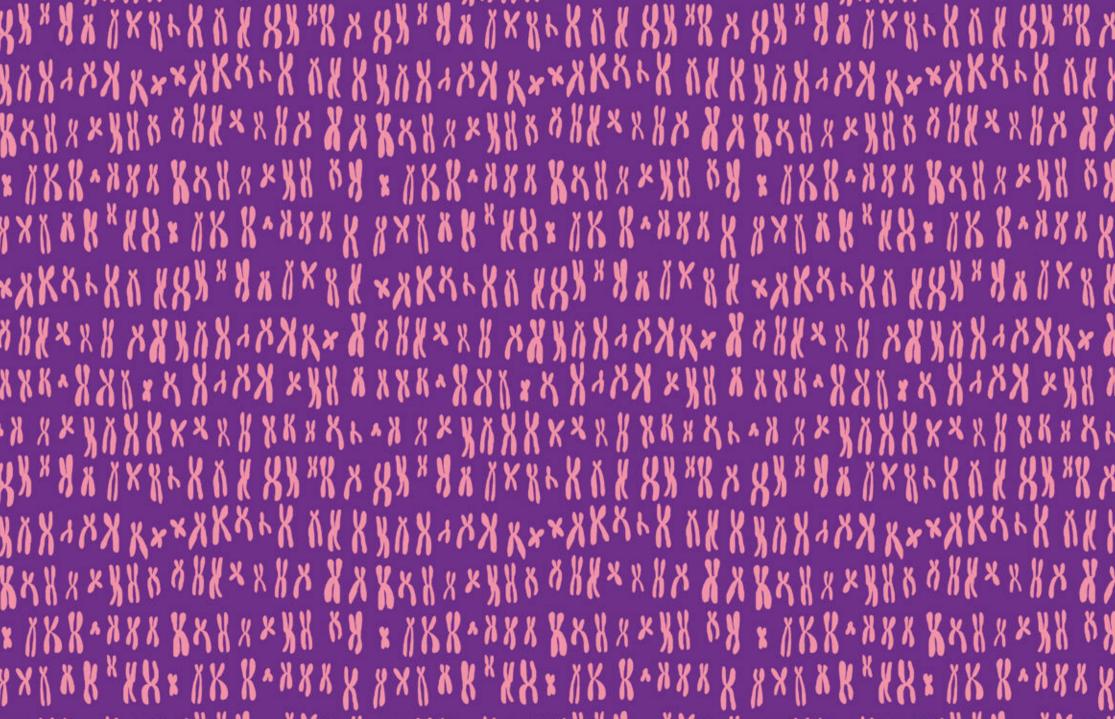


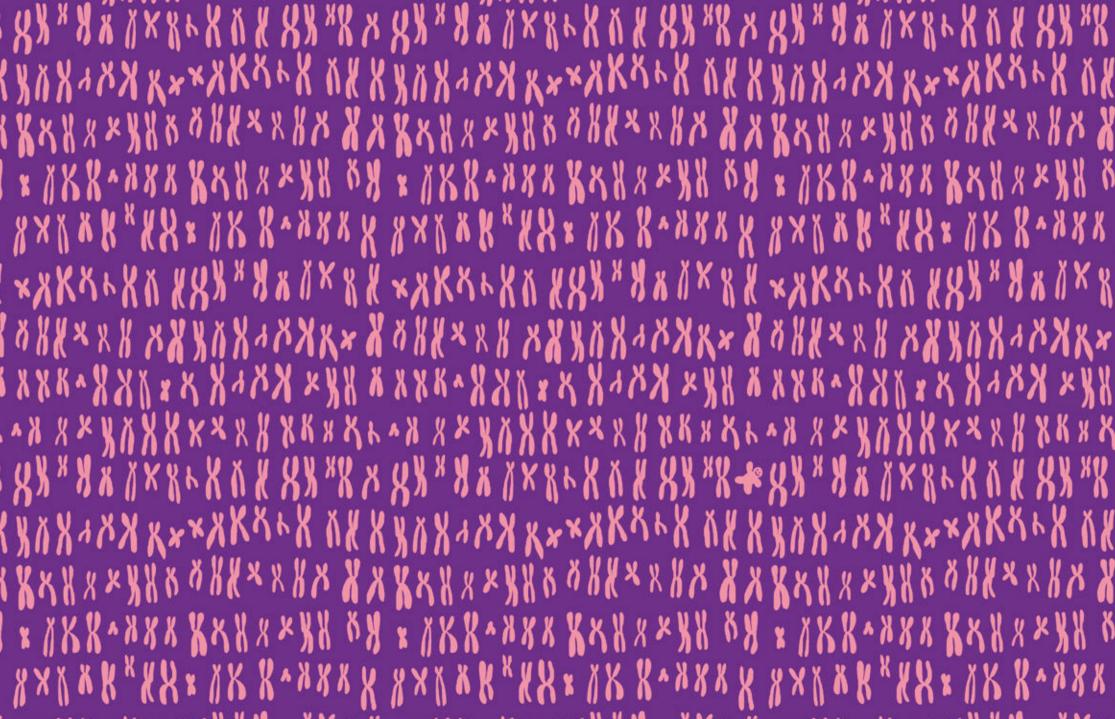






This book is published with the support of RAY.







The Recipe for a Person gives children a working knowledge of human heredity, via a story that is both fun and easy to follow.

The book is intended to be read together with an adult. Reading it can help an adult explain to children, for example, why all people are different.

The book is suitable for children of all ages. It is also possible, based on the adult's discretion, to read only some parts of it.

The book has been produced by a panel of specialists at Norio Centre, a part of Rinnekoti Foundation, which specialises in rare diseases.







