



# SCIENCE FOR THE YOUNGEST

ENS de Lyon Biology Department / Ecole d'application Aveyron, Lyon, France

## In the lab coat of a biologist

a science-discovery activity aimed at elementary school children.

**Kids are introduced to the scientific method and tackle gender bias in science.**

This involves visits at the elementary schools, an excursion to the university to perform small experiments and an exhibition at school for the families. **The strong connection between elementary school teachers and researchers allows the development of targeted workshops that are easy to reproduce and discuss in class.**

Last year we had to adapt. We started from a simple question "How do birds survive the winter?" and by studying true (and somewhat crazy) answers that have been proposed throughout history we led the kids to think about the difference between belief and proof.

**All experiments are designed to be safely and cheaply reproduced in class.**

We propose experiments that are doable with cheap everyday material (clay, leaves/twigs, glue, etc), and with insects easy to collect in the countryside (water striders).

Conclusion: Developing such scientific, poetic and fun workshops for primary school pupils is a useful way to fight the alternative facts epidemic.



"a scientist in a book"



"a scientist in real life"

