How the Book is Organized

New Adventures in Modeling is organized by “**stimulations**” and “**simulations**.” The stimulations are short informative texts that describe a certain phenomenon of nature that, to say the least, is curious. The stimulation is described accompanied by an image and the reference source(s) is cited.

Each **stimulation** is followed by a **simulation** in the form of a **challenge**. The challenges are an invitation to playful learning (“playful learning”, Resnick, 2004) and consist of describing a possible, simple scenario in which to face the challenge and solve it.

The challenge summarizes the task to be solved by the modeler on duty (perhaps the reader) in three or four paragraphs at most, the curricular connections and the associated computational concepts.

Following each challenge, a complete, detailed, numbered and imaged tutorial of ONE possible solution to the challenge is provided.
We hope this will be of great help, especially for readers who consider themselves newbies and who do not have much familiarity with the modeling tool (StarLogo NOVA).
Or also for teachers who want to work on these challenges with their students.
There may also be those who do not wish to look at the solution, or look at it after completing their own solution to the challenge.

Also in cases where it warrants, the necessary files will be provided through a link to download and/or access them.
Having then made the presentation, I invite you to read the first stimulation and get excited about the first challenge.

Enjoy the journey, dear modeling adventurers!

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