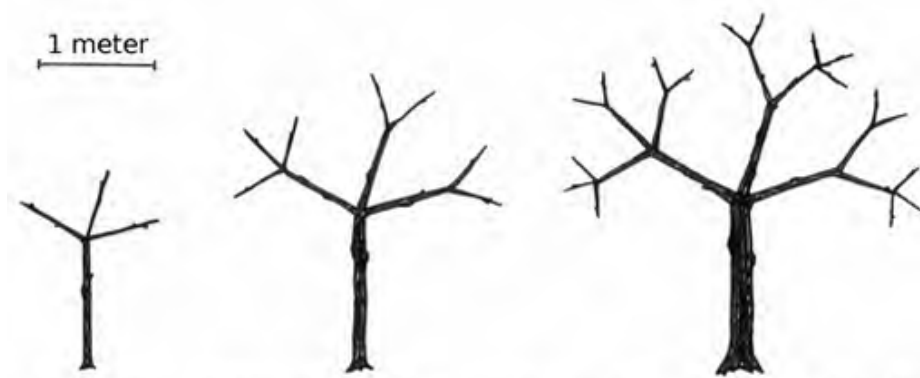


The growth of trees

(Sonia Yvain-Prebiski, Simon Modeste; 2020)

“The tree. Botanists from Botanical Garden have discovered an exotic tree. To study this new species, the botanists have sketched the tree every year since 2013. The botanists want to build a greenhouse to protect it. They believe it will have reached its full size by 2023. To help them, predict how the tree will be in 2023.”



Sketches of the tree in November 2013, 2014 and 2015.

1. Ask questions that you need to think of a mathematical treatment of such a prediction.

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2. Exchange your questions and try to answer the questions of the other group.

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3. Now share your questions and answers and discuss with your mates about the process you experienced in a mathematical modelling activity in order to deal with the mathematical treatment of the problem and about the choices that have been made explicitly.

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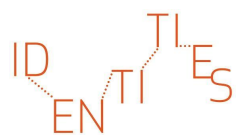
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