

Welcome to the webinar:

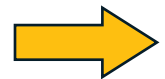
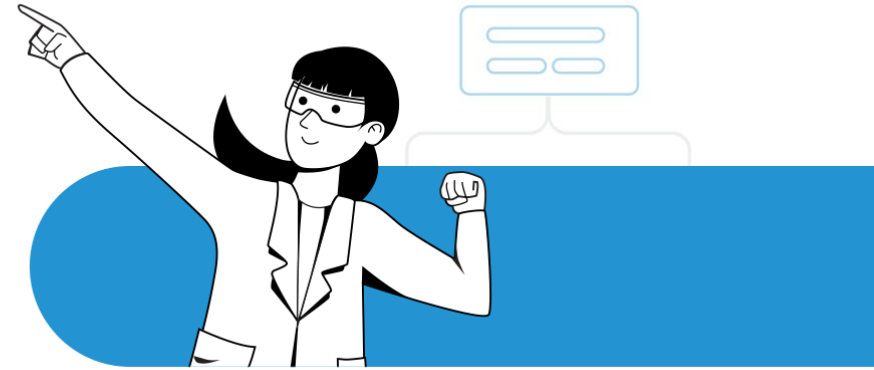
Improving Students' Lab Calculation Skills




Tuesday 25th March 2025



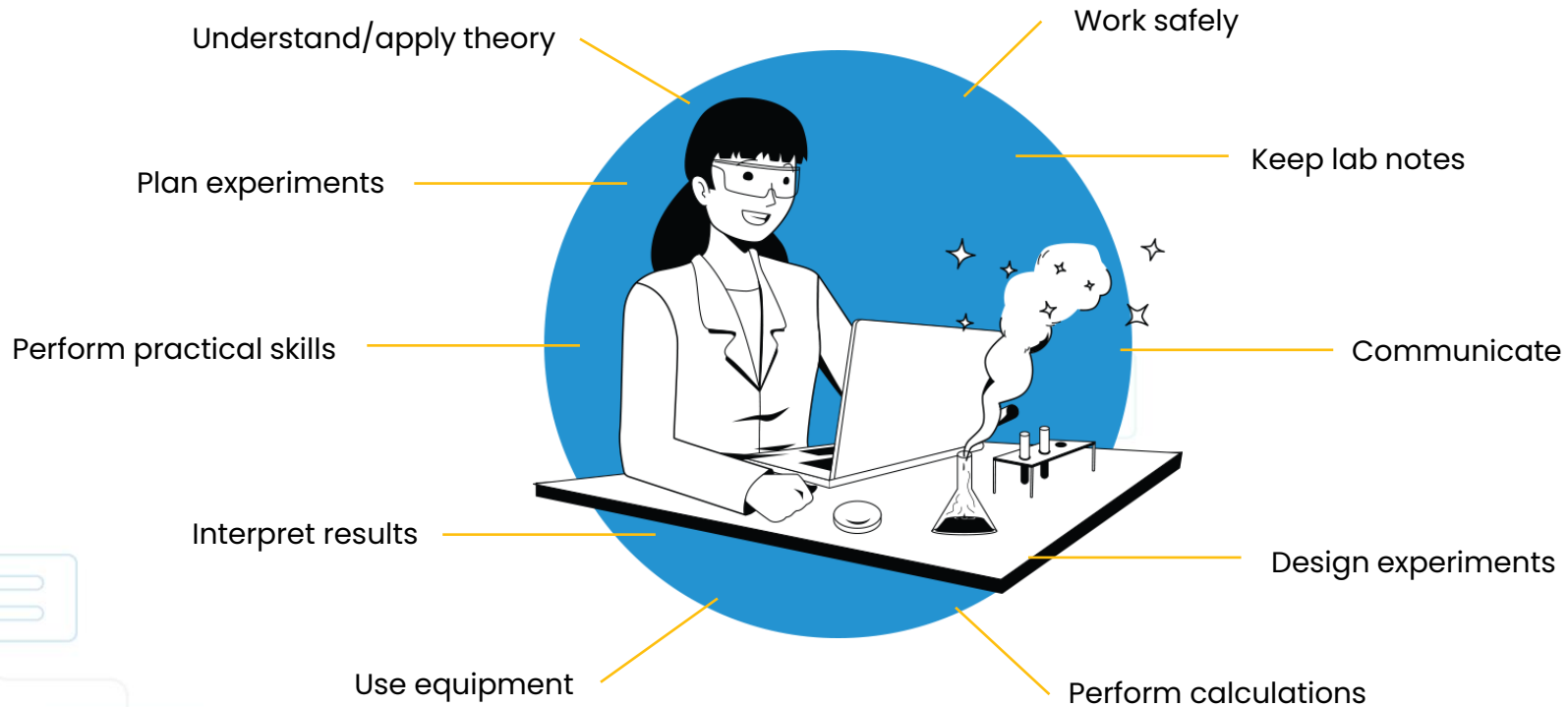
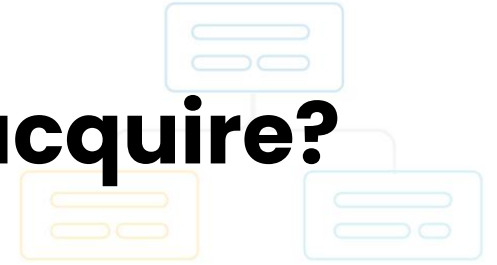
Programme



Educational background of lab calculations

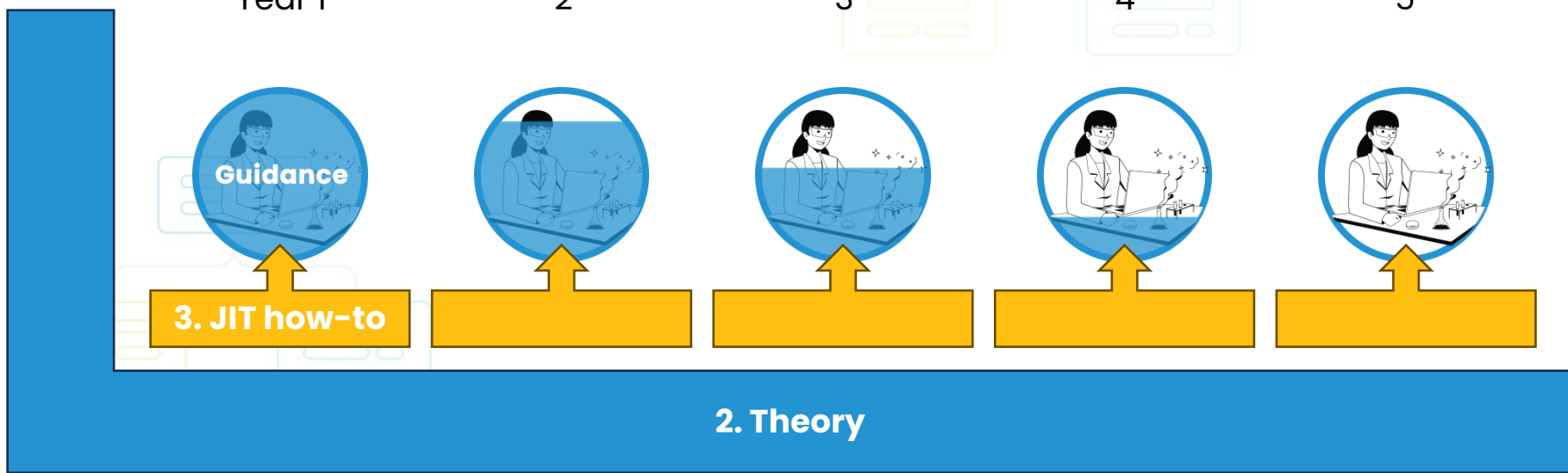
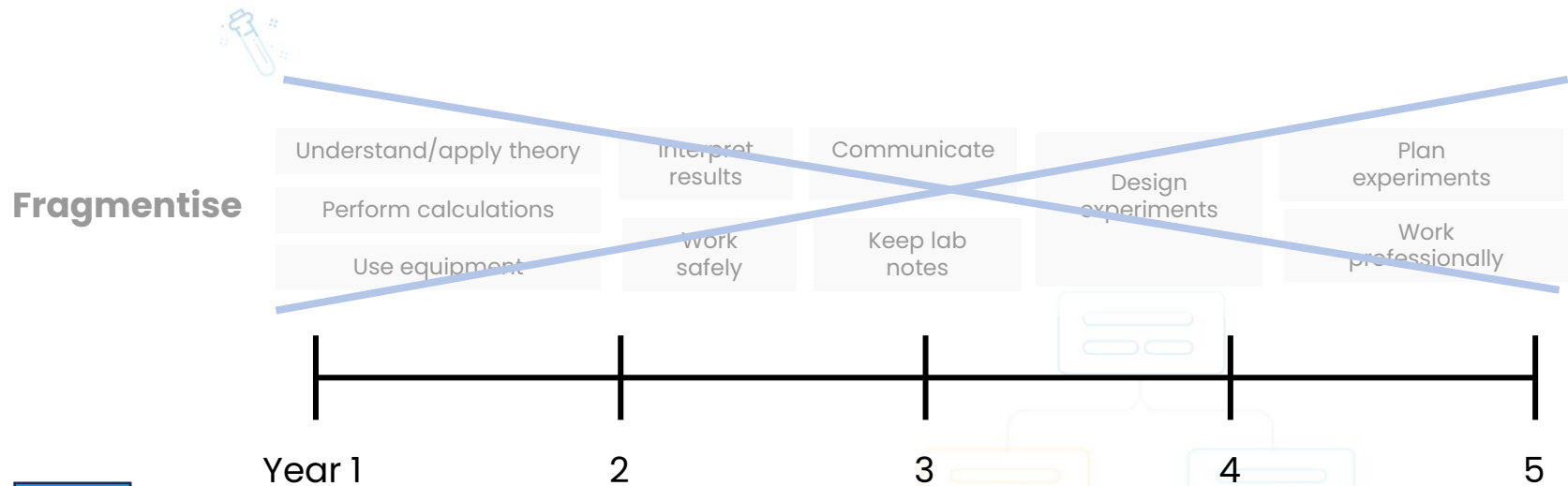
- **Dr. Melanie Erzinger (Lecturer in Food Chemistry, ETH Zurich)**
How to help students understand the workflow of data analysis + *short Q&A*
 - **Dr. Joost van den Brink (Lecturer in Biology, Leiden University)**
How to help students master chemical calculations + *short Q&A*
 - **General Q&A**
- **11:00 CET / Break-out rooms with Melanie/Joost/LabBuddy (optional)** 

Which **research skills** should students acquire?



Doing research is a complex skill

Four-component instructional design (4C/ID)



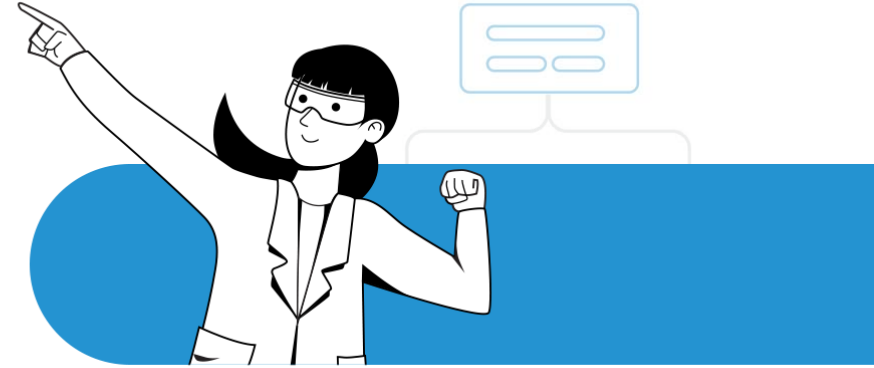
1. Whole-task practice
(Doing research)




4. Part tasks

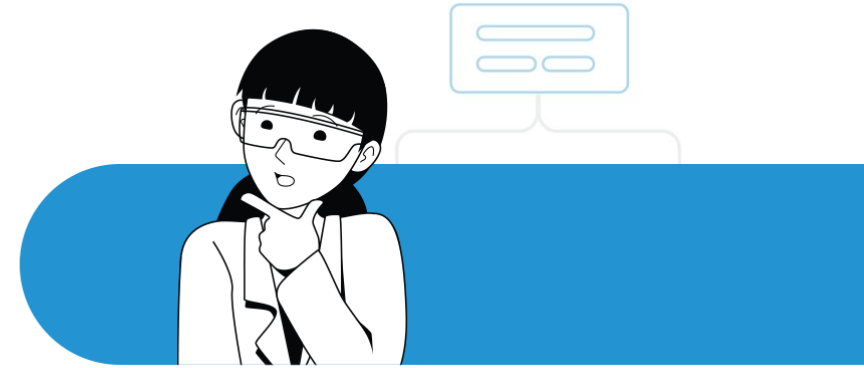
(e.g. calculations)

Programme



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Q&A



Get in touch with **LabBuddy**:



Use the link in the chat or scan this QR code to schedule a short meeting with LabBuddy

Or email info@labbuddy.net

Contact details speakers:

- melanie.erzinger@hest.ethz.ch
- j.van.den.brink@biology.leidenuniv.nl

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