Session 1: Boxes

Preparations

☐ Smartphone
To look up information

☐ Printed these notes
You will be writing on them, then scanning parts as homework.

☐ Computer
To follow instructions

☐ Post-it notes
Act as "thought catchers" for questions that come up.

1 What You Will Learn

Table A

What do you think you can get out of this course?
Separate the chemistry-related, and the not chemistry-related.
Jot down keywords / phrases as you think of them. Do not try to be perfect.

Chemistry	Non-chemistry

Table B   Re-write Table A, sorting these expectations by priority to you.
If you want you can create your own headings.

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2   Organizing Google Drive

☐ Signed into Google Drive with LPC email

Otherwise your organization goes... somewhere?

☐ Create folders for your College life

Make sure to roll open the arrows to create the sub-folders too.

☐ Going into the chem folder under "Shared with Me",
Drag it into *your* chem folder.

This enables search indexing as well as offline synchronizing to your computer.

☐ Do some searching, and use the Answer Boxes to check if you are correct!

There is a Hint tab!

☐ Install Google Drive File Stream to synchronize what you need with the local harddisk.

3 Google Sheets Setup & UI

- ☐ Open the Google Sheet

- ☐ Make a Copy for your own use. Save it in appropriate location.
    File -> Make a Copy

- ☐ Look for the 6 items and check your answer.

Homework

- ☐ Complete the form.
    You will need about 25 minutes.
    Sign in with your LPCUWC email address.

Box in 2D

Box in 3D

Reflections

Questions, comments, and feelings you have at this point. Anything particularly sticks with you?
It is very hard to remember things that was 45 minutes ago. I encourage you to scribble things here,
or use sticky notes (Post-Its) if you think you might wish to re-arrange them.

Session 2: Time

Preparations

☐ Smartphone

You will find a timer that helps you try the Pomodoro Method.

☐ Additional 2-3 sheets A4

You may wish to do additional calculations.

☐ Computer

Google Calendars are much easier to access on a laptop.

☐ Post-it notes

Act as "thought catchers" for questions that come up.

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1 Using Google Calendars

☐ Signed into Google Drive with LPC email

Otherwise your calendars goes... somewhere?

☐ Click on each of the 13 links to add them.

☐ Toggle *off* your free class.

☐ Change the colors to your liking.

☐ Explore the four views

Day, Week, Month, Schedule

☐ Find out how many block D slots are there in your Y1.

...and enter this into the AnswerBox to check if you are correct.

☐ Create the Pomodoro event.

Make sure it is in your personal calendar.

2 The Pomodoro Method

☐ Move the Pomodoro 1 event.

Any time that you would be free for 1 hour. We will have two blocks of
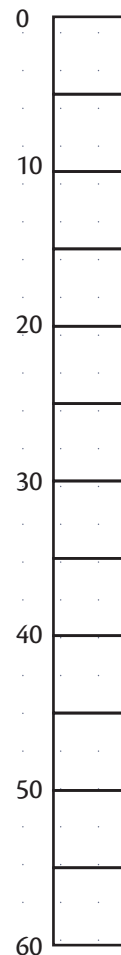
☐ Rename the Pomodoro 1 event.

☐ Add a Pomodoro 2 after Pomodoro 1.

☐ Visualize the work-rest cycle on the right.

Use colors if you need.

☐ Install a timer on your phone that supports the Pomodoro method.

Use colors if you need.

0

10

20

30

40

50

60

5   Google Sheets: Formula

☐ Follow the instructions to create your own Answer Checker.
  Then use it to check your answers from earlier.

☐ Extend this to work with all unit combinations.
  This is a difficult, optional activity.

Homework

☐ Watch video about physical organization
  *What you see represents about 7 hours per week of
  consistent work. It's easy to do it for a week or two, but
  hard to keep up for two years like what Audrey and
  Steph did.*

  Imagine all these paper all shuffled in your corner!

☐ Go do some stationary shopping
  ...check what you get with the College.

Reflections

3 Good habits with Units

Use the space in between to show working.

| 10 | MIN | = | | sec | | | = | | sec |

| | | = | | sec | | | = | | sec |

| | | = | | sec | | | = | | sec |

| | | = | | sec | | | = | | sec |

4 SI Units and Scientific Notation

Use the space in between to show working. Try some with scientific notation, and some as decimal numbers.

| 10 | ms | = | | sec | | | = | | sec |

| | | = | | sec | | | = | | sec |

| | | = | | sec | | | = | | sec |

| | | = | | sec | | | = | | sec |

Session 3: Colors

Preparations

☐ Small notebook
This will be your TODO list.

☐ Computer
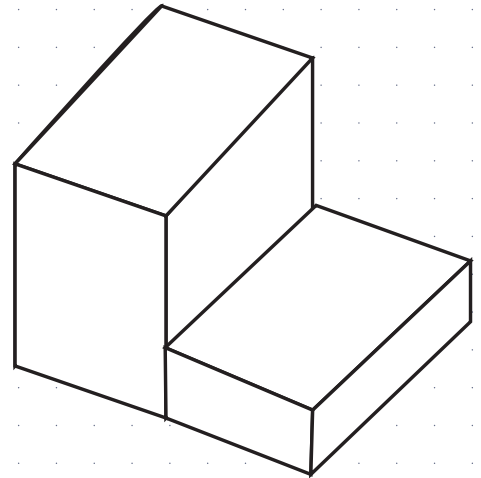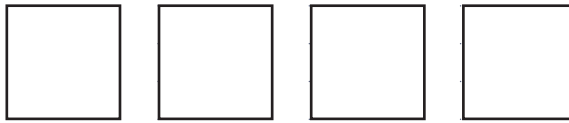*Google Sheets conditional formatting can't be done on some phones.*

☐ Red & Green pens

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1 **Using Colors**

Hatching
☐ ☐ ☐ ☐
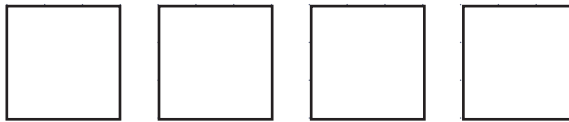
Stippling
☐ ☐ ☐ ☐

2 **Google Sheets: Conditional Formatting**

☐ Make a Copy of the grades Google Sheet.
You can't edit the original!

☐ Use conditional formatting to visualize the grades
.Choose appropriate colors.
What should you do with the missing data?

☐ Identify who had unusual performances

3 **Expert TODO List**   Use the following space for your homework TODO list.
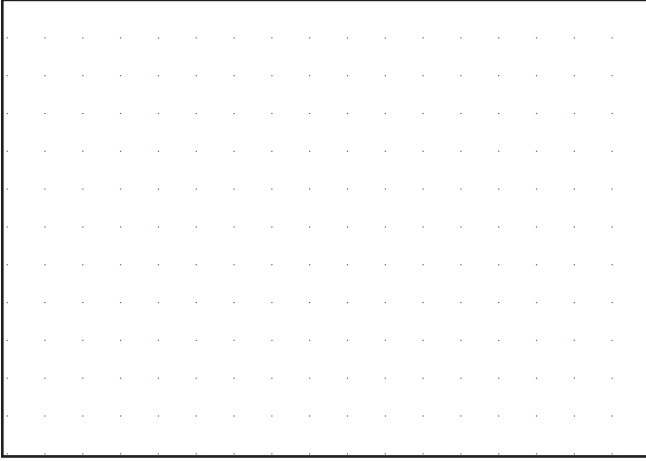
Homework

- [ ] Hand in on ManageBac
  Before Sunday
- [ ] Rainfall analysis
  Use your own TODO list!

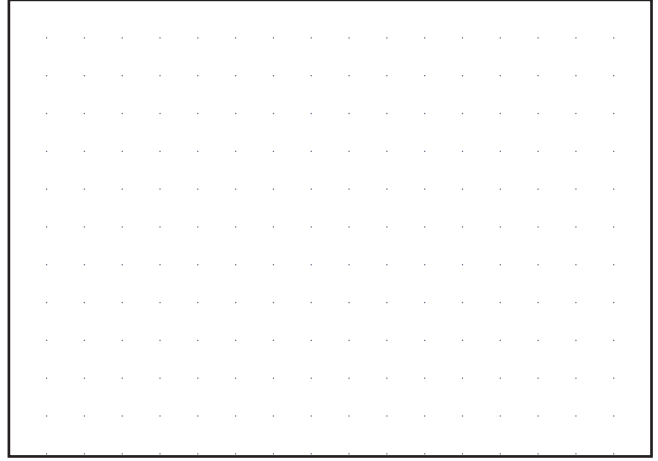- [ ] Draw Pomodoro Timers
  Find images online.

in 2D

in 3D

Reflections