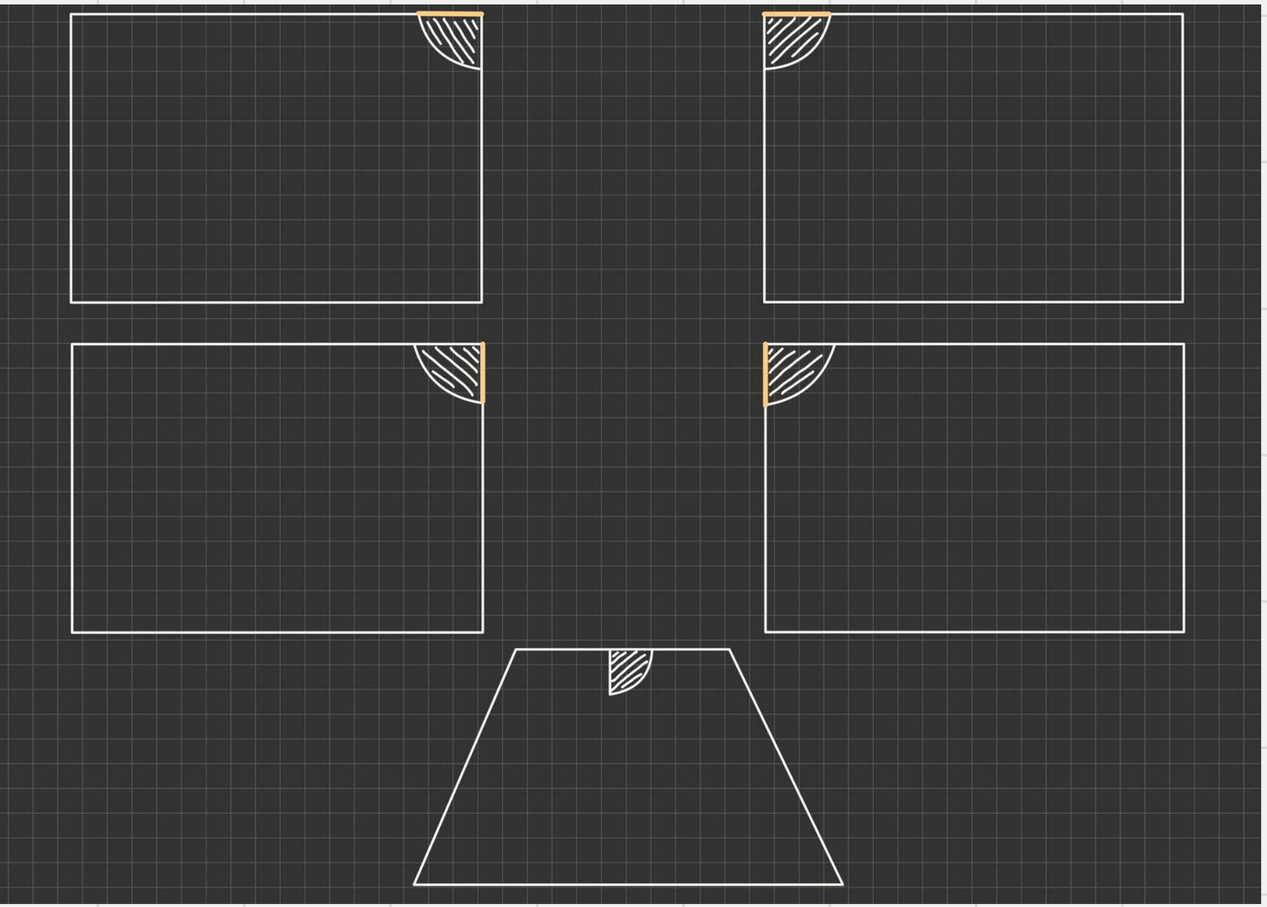
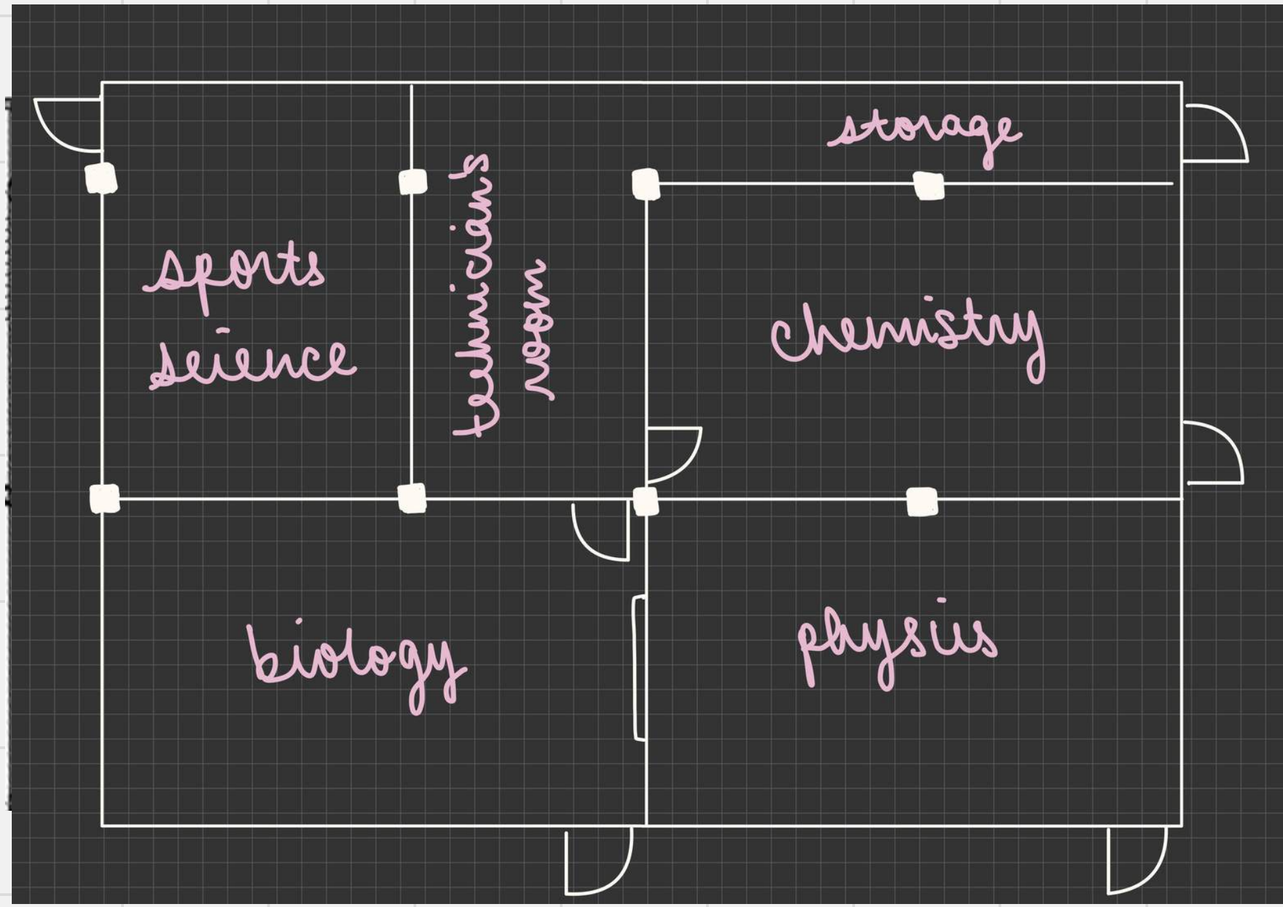
SUGGESTIONS FOR THE

SCIENCE LAB DESIGN

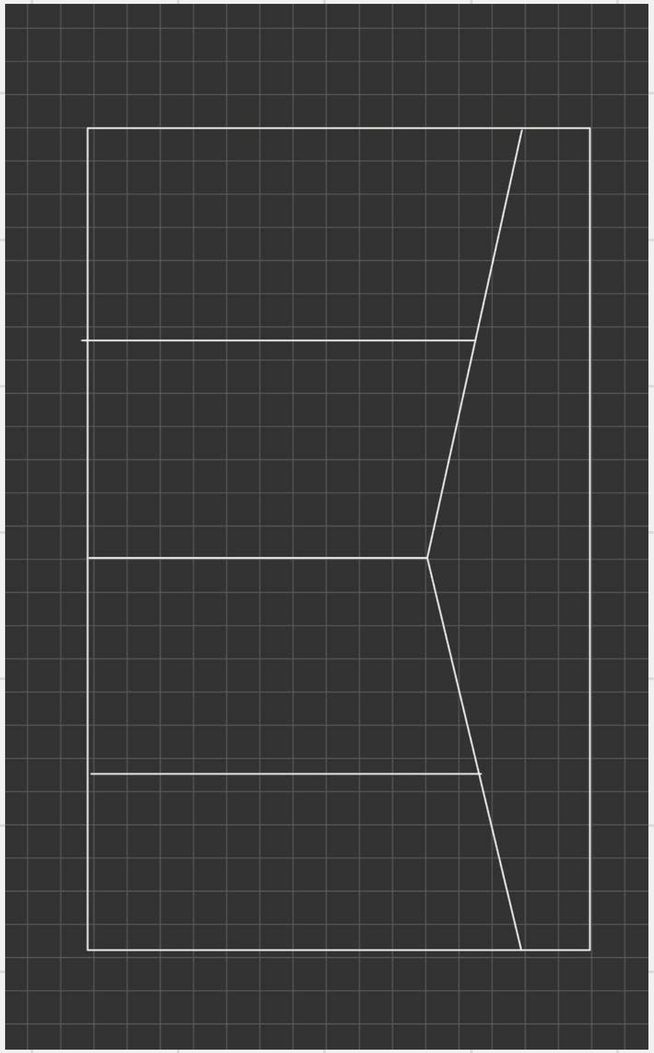
TAYLA - BELLA - AN THU - ANNIE - HANNAH

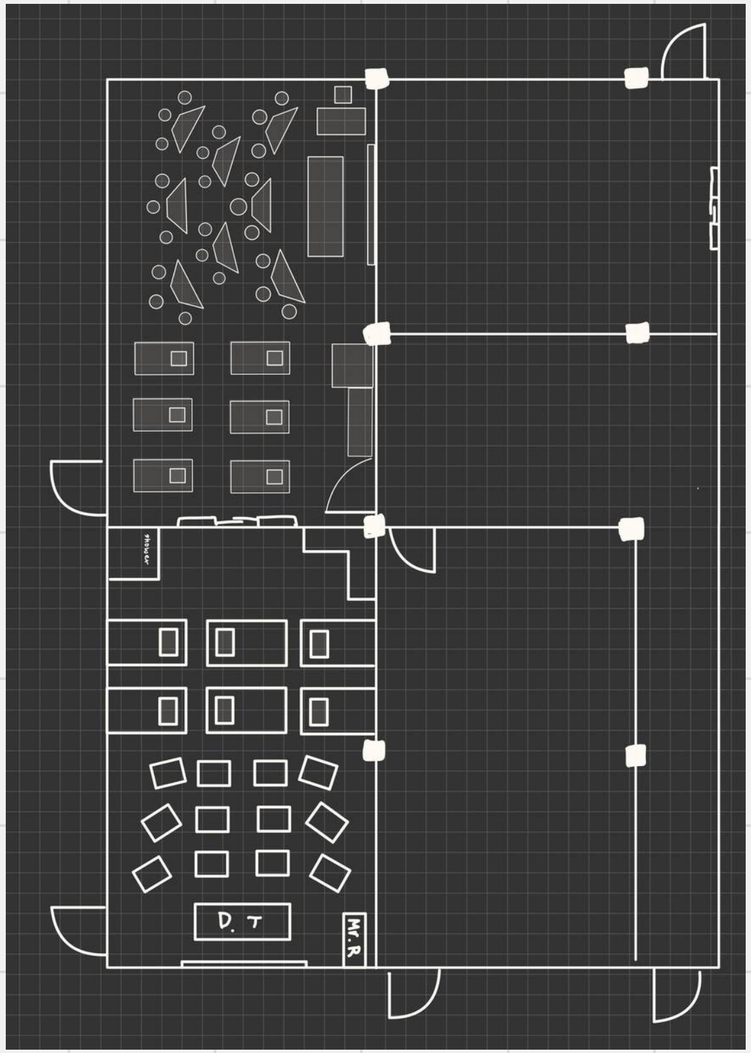
LAYOUT IDEAS

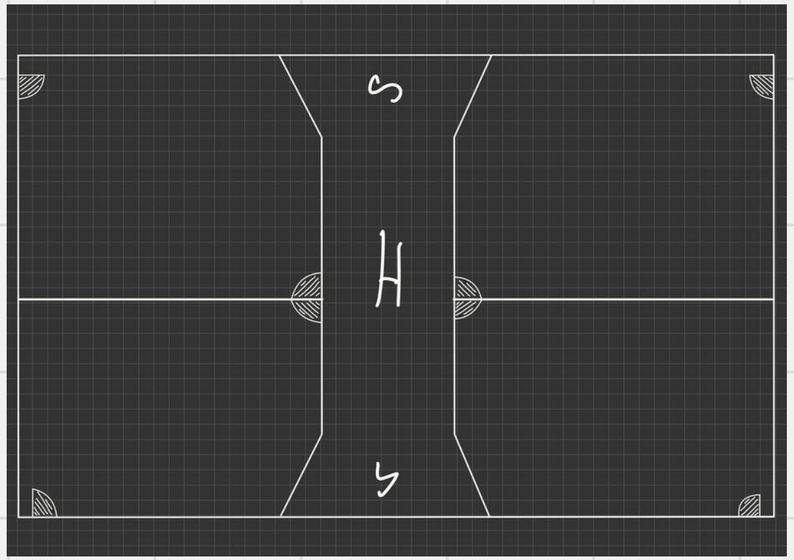




LAYOUT IDEAS









MR HIEU'S ROOM

Pull down overhead storage unit:

- Maximized storage space
- Makes equipment easily accessible
- Well organized



storage for small intricate pieces:

- Well organized
- Easy to find supplies





Laboratory Dishwasher:
Used for sterilizing lab glassware such as beakers.

- has rounded edges to avoid any dirt traps (Minimizes bacterial growth)
- Increases efficiency between experiments and minimizes the workload for Mr. Hieu
- Range of accessories/racks







LIGHTING

Embedded light in table
- Beneficial for experiments that require observation

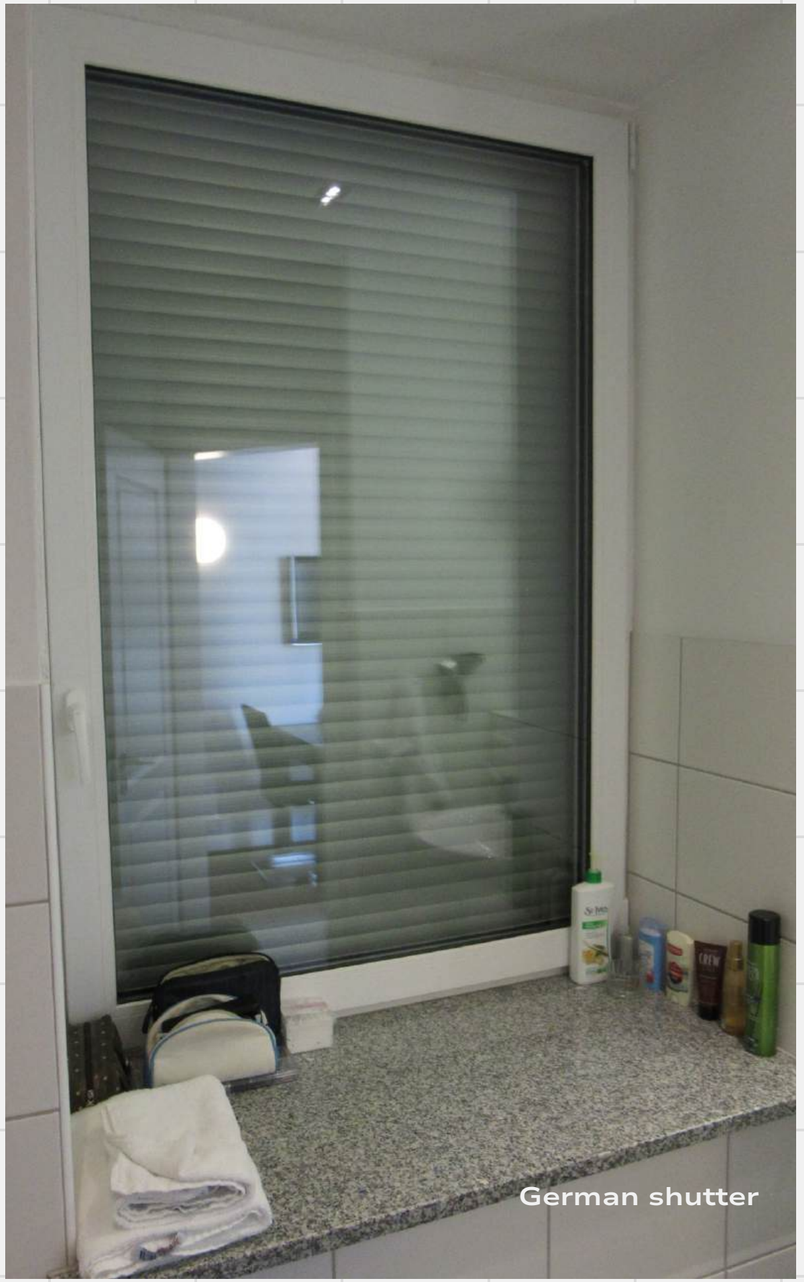




Angle Poise Lamp:
- Allows students to adjust the distance of light source for any required experiment
- It is useful for teachers to draw students' focus towards demonstrations

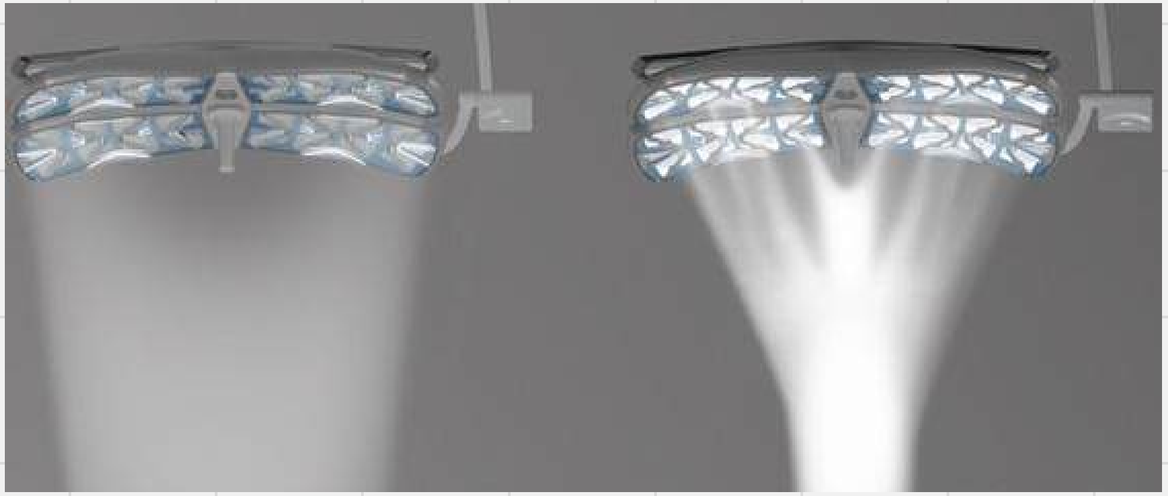
German black-out curtains:
- Useful for experiments that require complete darkness
- Helpful for presentations or videos





German shutter

Angle poise operating lights:
- Has 2 light settings, focused and dispersed
- Versatile for highlighting demonstration
- Helpful for intricate work that needs precise lighting.
- Has mobility

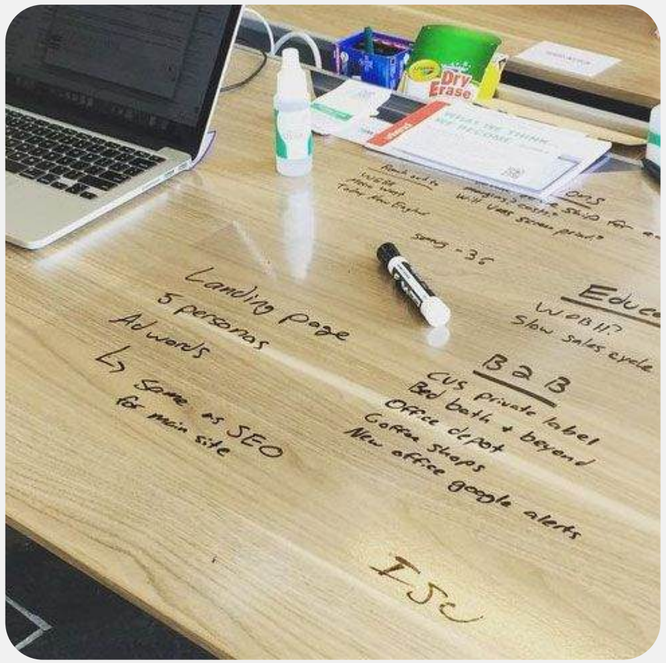


WHITE BOARDS



A sliding whiteboard that can work in harmony with the new smartboards that have been added in some classes.

- Provides a consistent view no matter which board the teacher is currently using
- Allows both the smart board and the white board to be visible at the same time for easier note taking.



Tables with embedded whiteboards to allow efficient note-taking.

- Beneficial for students and teachers to quickly work out equations



Multipurpose cupboards with whiteboards on either side and included wheels

- Good for demonstrations since it is transportable and can carry equipment
- Portability allows students to get a close view of complex illustrations

LAB CHAIRS AND DESK

jthe chairs need to provide some support for our back and it doesn't nessarily need wheels => but if there are wheels it will be more mobile and could be easier to push under the table

Initially, we did think about having a bag holder, but maybe instead, having a retractable stool of underneath the table, this could be retractable (we had problems finding an example

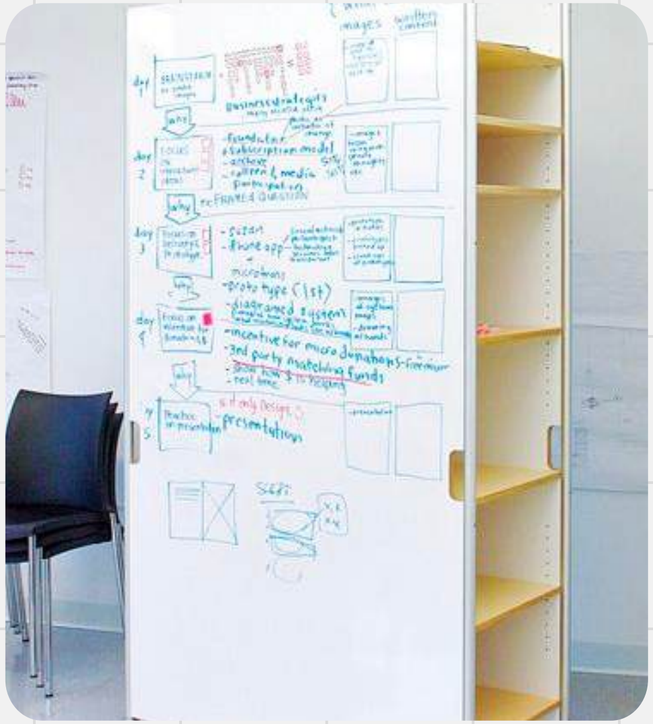






FUNCTIONAL















ELECTRONIC ACCESSORIES





the laptop stand makes it easier for teachers to demonstrate at the board or at certain places.

the table laptop stand is for students => especially when doing experiments

=> for the phone stand is for recording experiments for evidence





OUTLETS



ceiling outlets:

- able to charge from anywhere
- cleaner and more organized lab environment
- reducing trip hazards



outlets on the sides / on tables

- comfortable
- convenient
- accessible
- no need to to bend down or reach behind the tables
- cords kept off the floor





DISPENSERS









centralized dispensers for convenience and accessibility

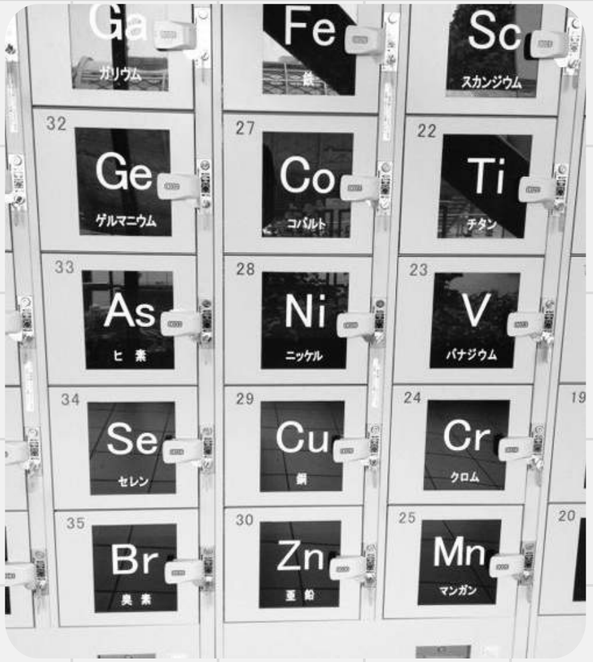
- hair ties for practicals because girls always forget to bring their hair ties
- placed next to the lab coat area
- saves time and promotes effiency

DECORATIONS













THANK YOU