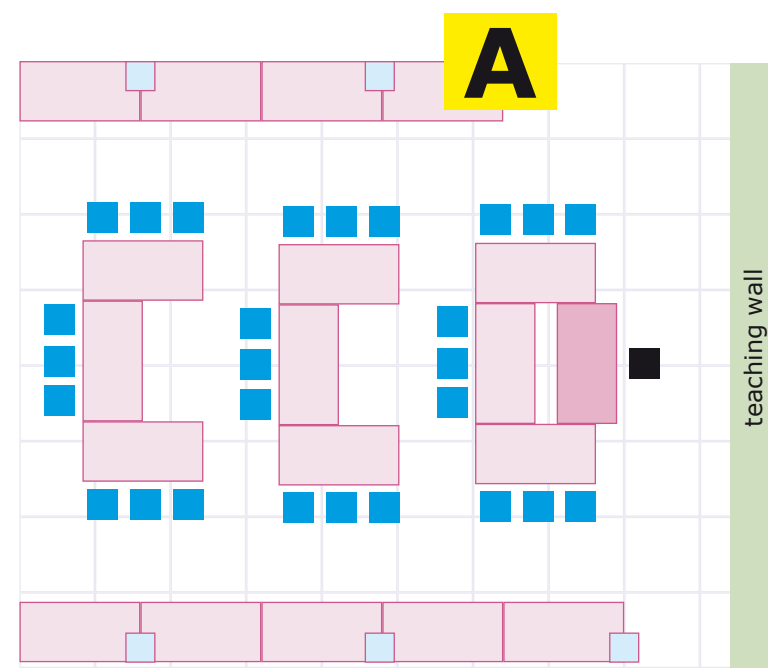


Direct observation and manipulation of many aspects of the material world require adequate laboratory facilities, including

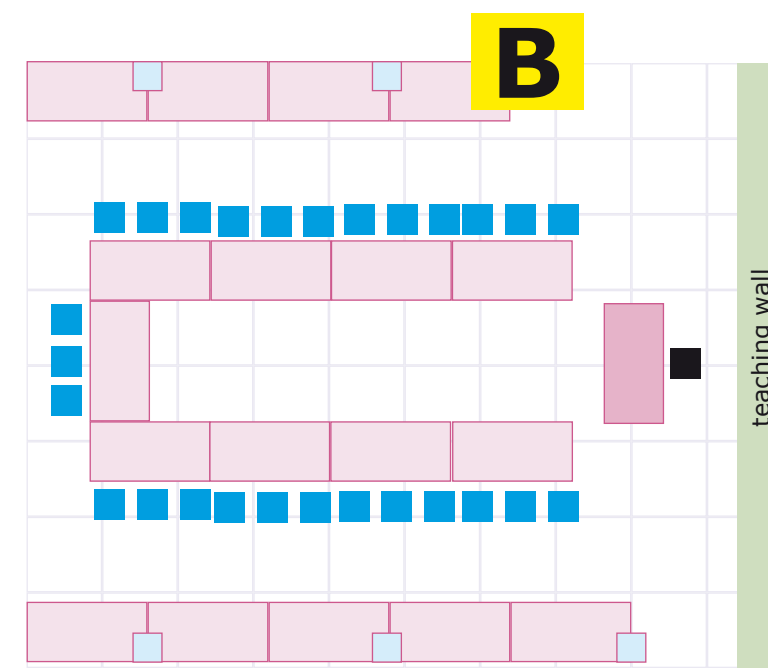
1. space for teacher demonstrations
2. student laboratory activities
3. student discussion
4. safe storage space for supplies.

1. 24-27 Students
2. at least 10 x 8 meters = 80 m²
3. 1 notebook for 3 students (9 computers), wireless network
4. 1 screen projector for the teacher (also available to project from each of the 9 student notebooks)
5. 5 water points
6. Electrical sources from the ceiling
7. 1 teaching wall



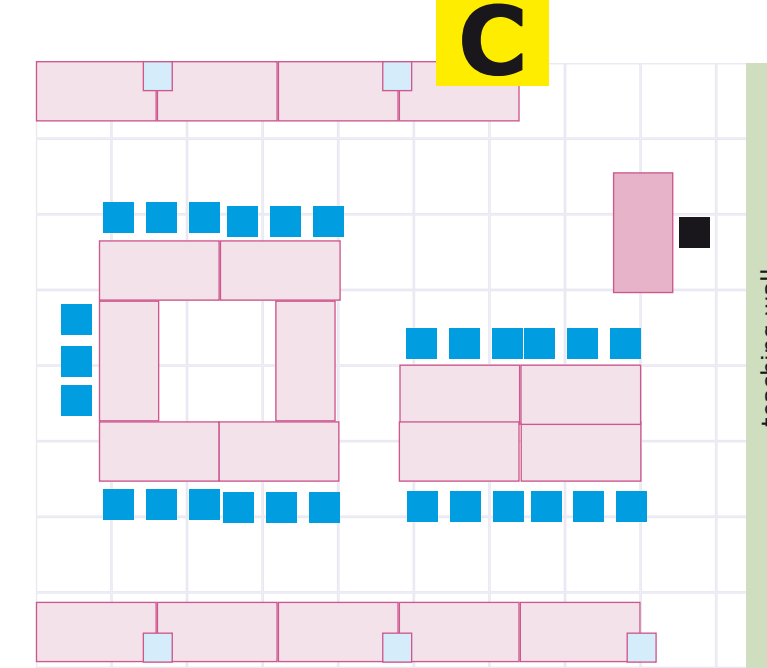
(Paper and pencil or simple equipment)

1. Small group, independent group work
2. Small group following teacher guidance
3. Lecturing, integrated with small group work
4. Individual work



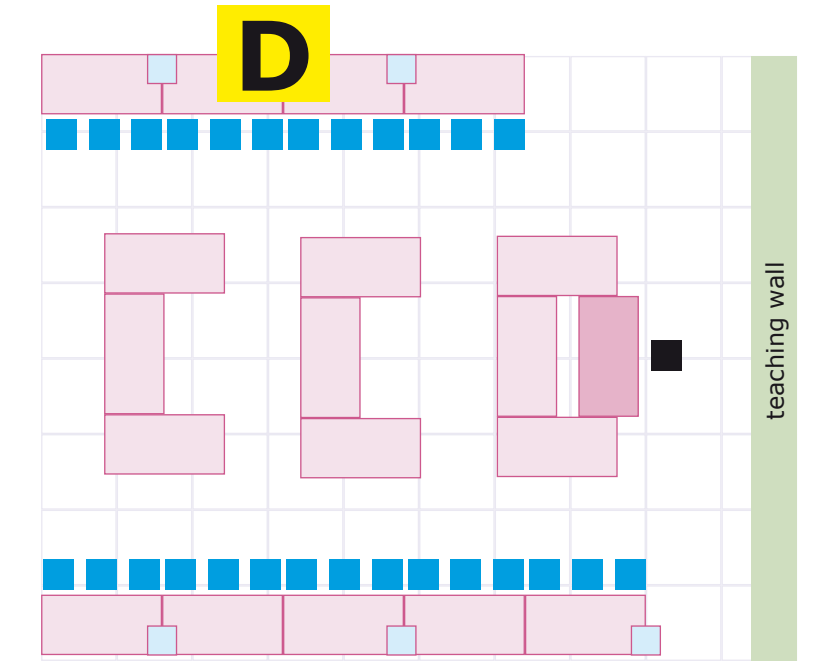
(Paper and pencil or simple equipment)

1. All class, following teacher guidance
2. Lecturing, integrated with small group work
3. Students' presentations



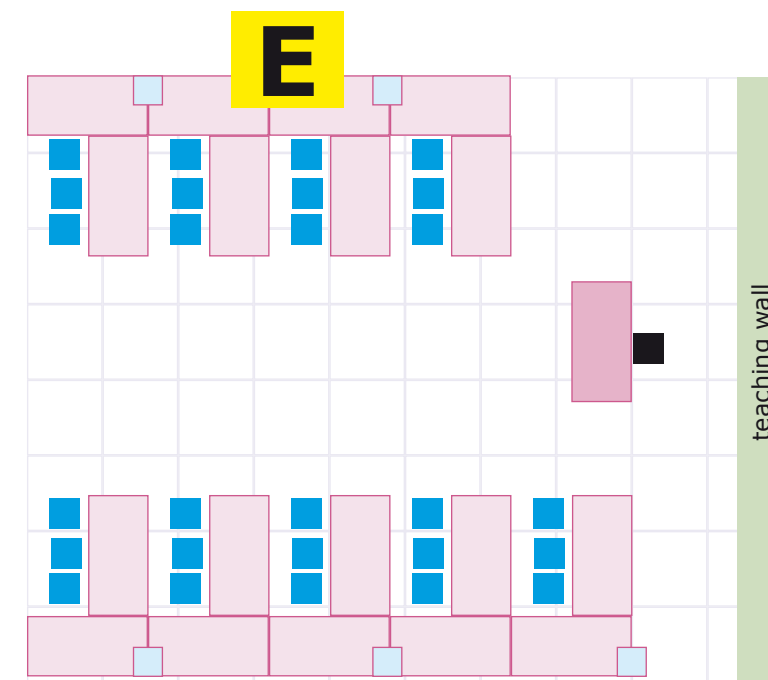
(Paper and pencil or simple equipment)

1. Large group work



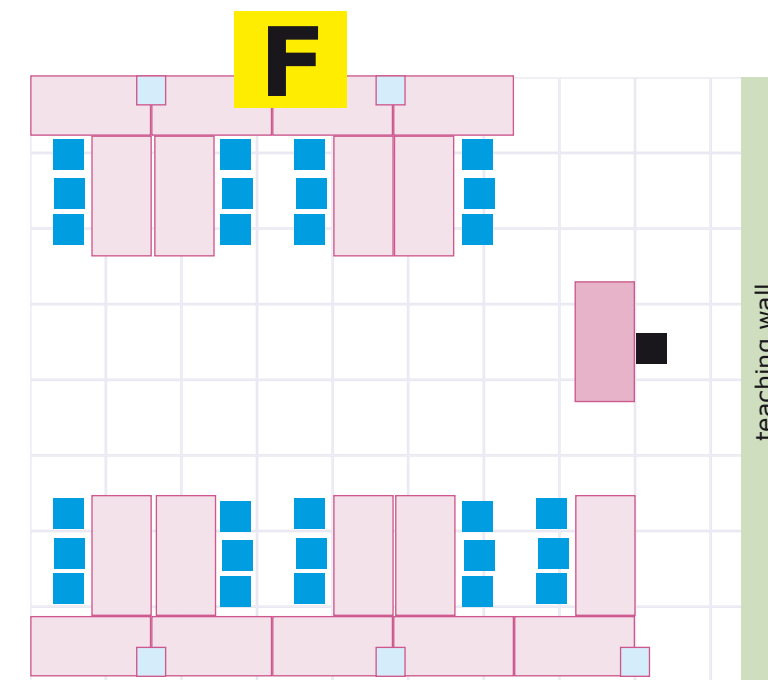
(Lab or computer-based work)

1. Small group, independent group work
2. Small group following teacher guidance
3. Lecturing, integrated with small group work



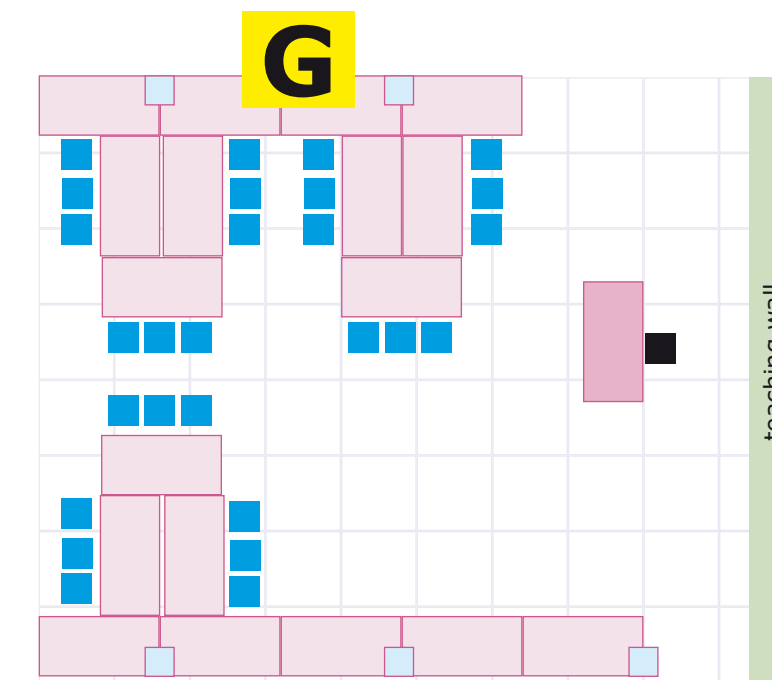
(Lab or computer-based work)

1. Small group, independent group work
2. Small group following teacher guidance
3. Lecturing, integrated with small group work



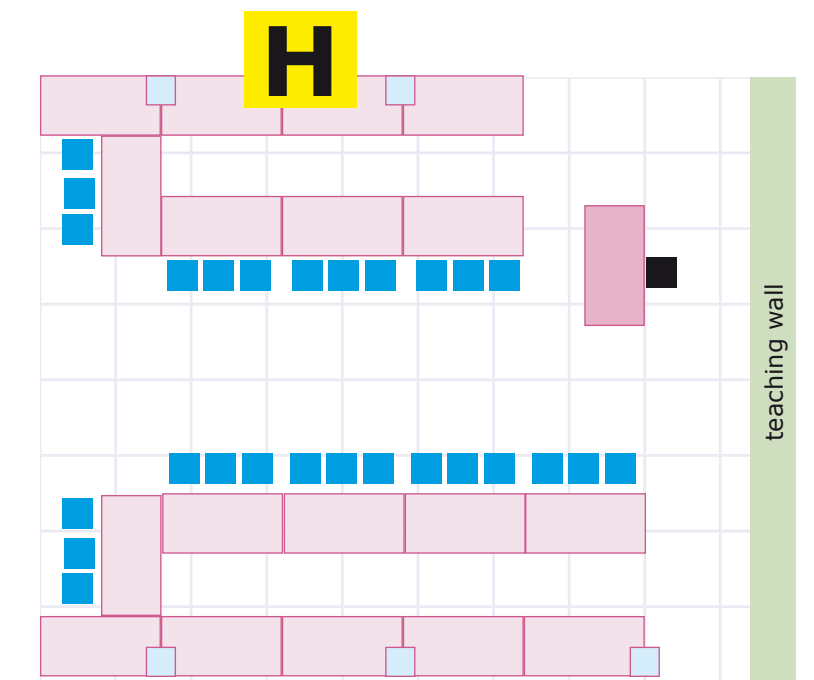
(Lab work)

1. Small or large group, independent group work



(Lab work)

1. Small or large group, independent group work



(Lab work)

1. Small or large group, independent group work



Teaching Wall



The teaching wall is a floor to ceiling multi-functional teaching base. The teaching wall consists of 2 large whiteboards, an interactive whiteboard, an illuminated display cabinet and storage space for books, trays etc. The two large whiteboards can be used by the teacher or by students during group activities. They slide away to

reveal large areas of storage. Between these is the panel on which the interactive whiteboard is mounted. It is a fixed panel with a drop down shelf on which a laptop can be placed during presentations.



