

# Block Schedule - Constraint Violations Report

Score: -8hard/-3670soft

## Hard Constraint Violations:

- Block length must match timeslot length: 0
- Teacher must be qualified: 0
- Teacher must be available for entire block: 0
- No teacher double-booking: 4
- No room double-booking: 0
- Room type must satisfy course requirement: 0
- Group cannot have two courses at same time: 4

## Soft Constraint Violations:

- Non-standard rooms should finish by 2pm: 24
- Maximum 2 blocks per course per group per day: 17
- Prefer course blocks to be consecutive on same day: 18
- Prefer group's preferred room: 133
- Minimize teacher building changes: 120
- Teacher exceeds max hours per week: 0
- Minimize teacher idle gaps (availability-aware): 130
- Minimize group idle gaps: 670
- Prefer block's specified room: 0