

# **Block Schedule - Constraint Violations Report**

Score: -1hard/-3261soft

## **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: 0
- No room double-booking: 0
- Room type must satisfy course requirement: 0
- Group cannot have two courses at same time: 0
- Maximum 2 blocks per course per group per day: 1
- Course blocks must be consecutive: 0

## **Soft Constraint Violations:**

- Non-standard rooms should finish by 2pm: 17
- Prefer group's preferred room: 139
- Minimize teacher building changes: 144
- Teacher exceeds max hours per week: 0
- Minimize teacher idle gaps (availability-aware): 92
- Minimize group idle gaps: 657
- Prefer block's specified room: 0