

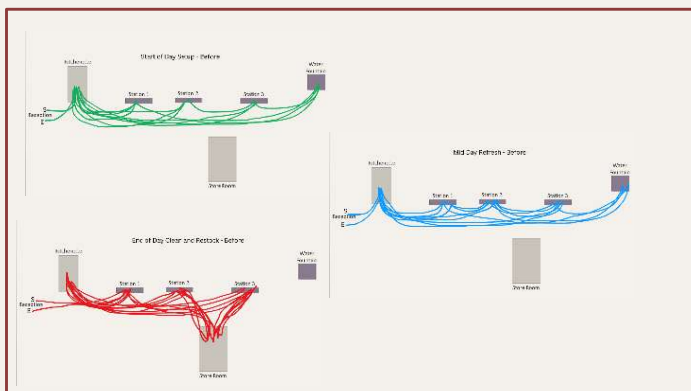
From Fragmented Motion to Designed Flow

A practical redesign of setup, replenishment, and end-of-day reset flow

System Context

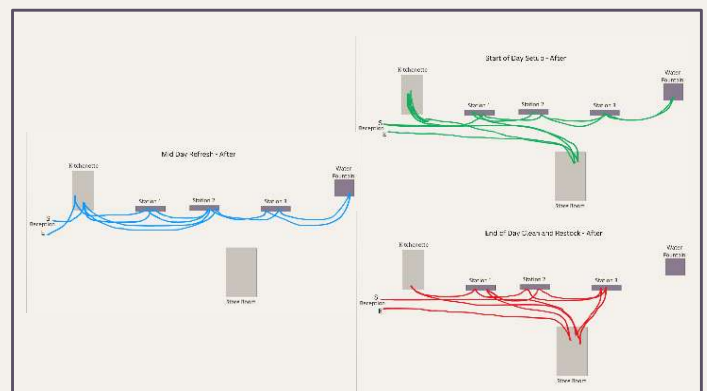
- 5 training rooms supported by 3 refreshment stations along one corridor.
- Supplies split across kitchenette, storage room, and water fountain location
- Staff balanced learner access, reception duties, and room support throughout the day
- Refreshment flow required setup, top-up, and end-of-day reset under time pressure

BEFORE



Reactive, fragmented movement

AFTER



Batched, buffered, and structured flow

Approach

- Introduced trolley-based batching for start-of-day refreshment setup
- Created buffer system for rapid top-up of hot water and milk during live sessions
- Separated end-of-day equipment clearing from consumables restocking using a double trolley flow

System Impact

- 50% reduction in setup time (60 → 30 mins)
- End-of-day reduced to ≤45 mins (60-90)
- Motion waste eliminated at source
- Lower strain, more sustainable workflow

Insight / Principle

Flow improves when movement, demand, and reset are designed as one system