Jessica Hall
CSD380

GROCERY VALUE STREAM MAP

1 MEAL PLANNING: **30 MINUTES**

DECIDE RECIPES, CHECK PANTRY, CREATE SHOPPING LIST

2 **PREPARATION**

10 MINUTES

(GATHER REUSABLE BAGS, CHECK FOR COUPONS OR DISCOUNTS)

3 TRAVEL TO STORE: **20 MINUTES**

4 **GROCERY SHOPPING** 45 MINUTES (NAVIGATE AISLES, FIND ITEMS, COMPARE PRICES, CHECK LIST)

5 **CHECKOUT**

15 MINUTES (WAIT IN LINE, SCAN ITEMS, PAYMENT PROCESS)

6 **TRAVEL HOME**

20 MINUTES

(RETURN AND UNLOAD GROCERIES)

7 **STORAGE & ORGANIZATION**

15 MINUTES

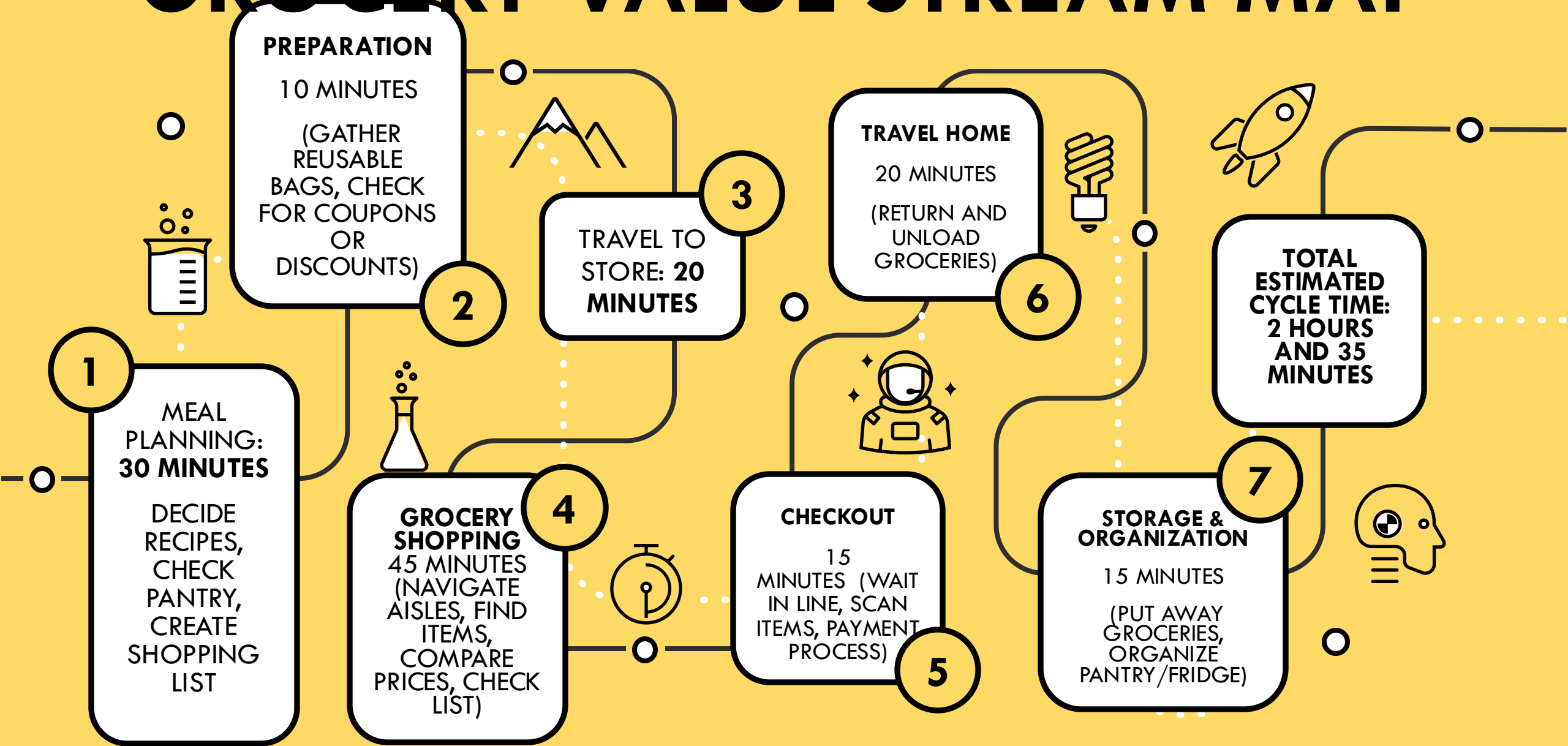(PUT AWAY GROCERIES, ORGANIZE PANTRY/FRIDGE)

TOTAL ESTIMATED CYCLE TIME: 2 HOURS AND 35 MINUTES

ANALYZING LEAN METRICS:

- Shopping time increases if store layout is unfamiliar or aisles are crowded.
- Checkout delays due to long lines.
- Travel time can vary based on traffic conditions.

Waste:

- Repeating grocery runs for forgotten items.
- Unnecessary time spent looking for products.
- Waiting in line without optimizing payment method.
- Inefficient storage leading to food waste or over-purchasing.

Optimizing your trip

- Organize Shopping List by Aisle/Category to reduce backtracking in the store.
- Utilize Grocery Pickup or Delivery Services when available to save time.
- Go During Off-Peak Hours to avoid checkout delays.
- Use Self-Checkout when buying fewer items to speed up the process.
- Preload Digital Coupons to avoid last-minute price checks.