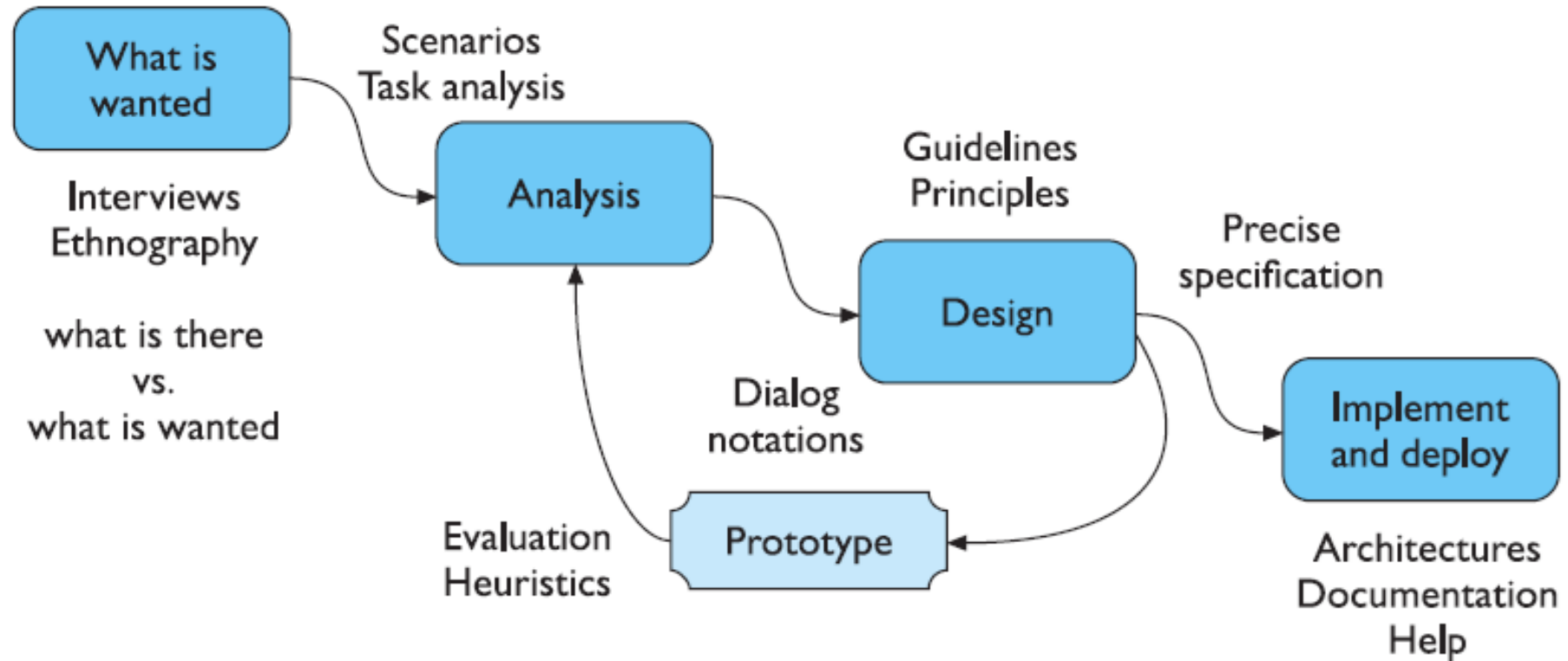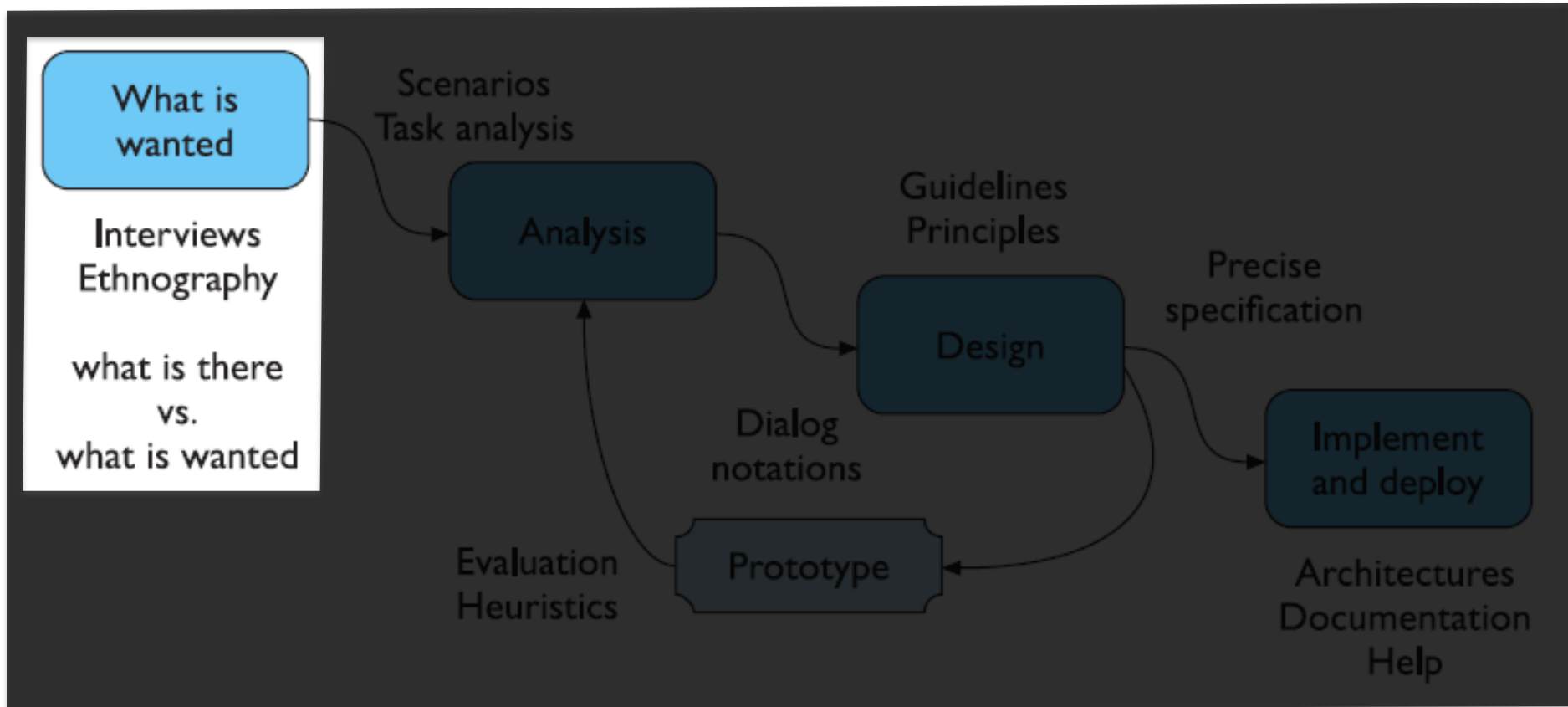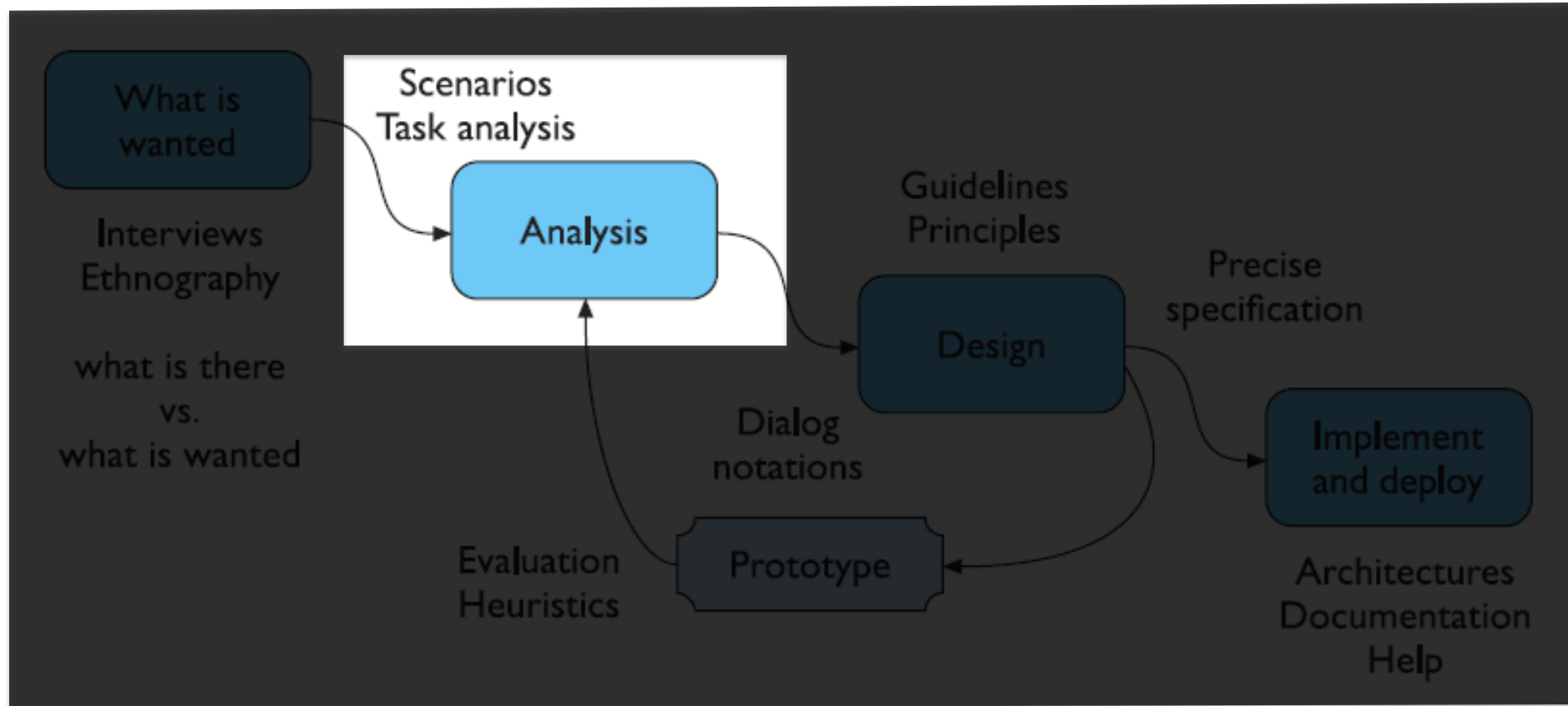# Desain Interaksi

Interaction Design Process

Know Your Users

- Who are they?
- Talk to them
- Watch them
- Use your imagination with valid data source
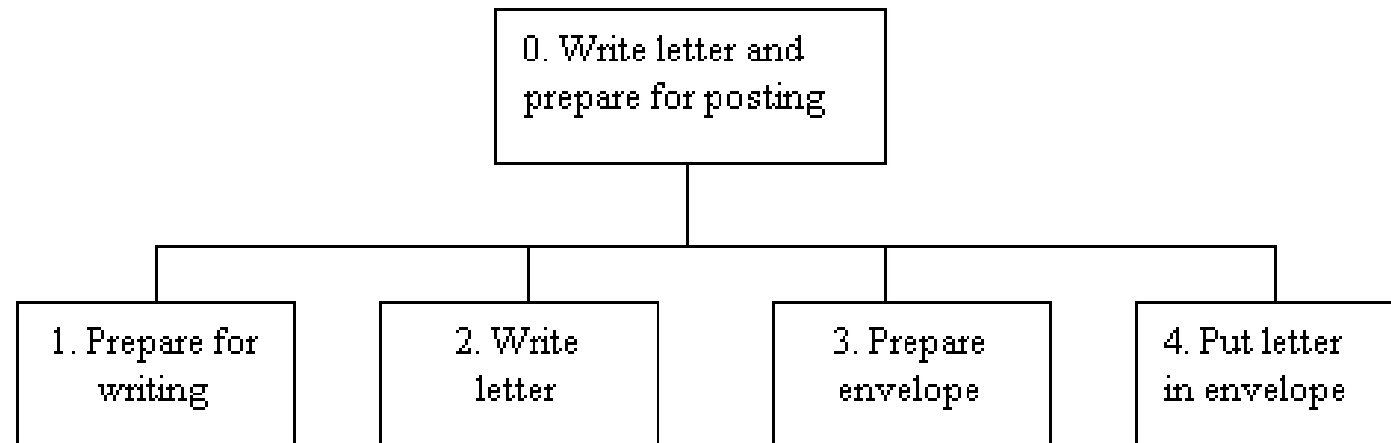
Scenarios Task Analysis

!=

Flow cart

HTA Example

```
┌─────────────────────┐
│ 0. Write letter and │
│ prepare for posting │
└─────────────────────┘
           │
   ┌───────┼───────────────┬──────────────────┐
┌──────────┐  ┌──────────┐  ┌──────────┐  ┌──────────┐
│1. Prepare│  │2. Write  │  │3. Prepare│  │4. Put    │
│for       │  │letter    │  │envelope  │  │letter    │
│writing   │  │          │  │          │  │in envelope│
└──────────┘  └──────────┘  └──────────┘  └──────────┘
```
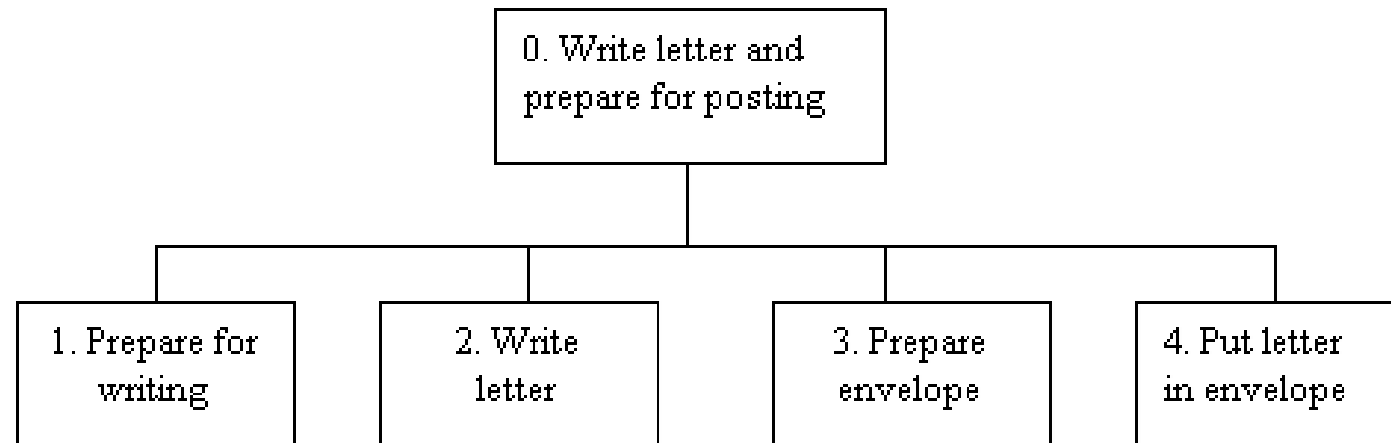
1: Prepare for writing

- 1.1: Get paper

- 1.2: Get envelope

- 1.3: Get pen

- 1.4: Get address book (not explicitly stated, but clearly necessary)

Hierarchical Task Analysis (HTA)

a detailed examination of the tasks users must do to achieve particular aims.

HTA involves describing the task in terms of a task-subtask hierarchy and a set of plans that define in what order subtasks may be performed, or under what circumstances particular subtasks are performed at all
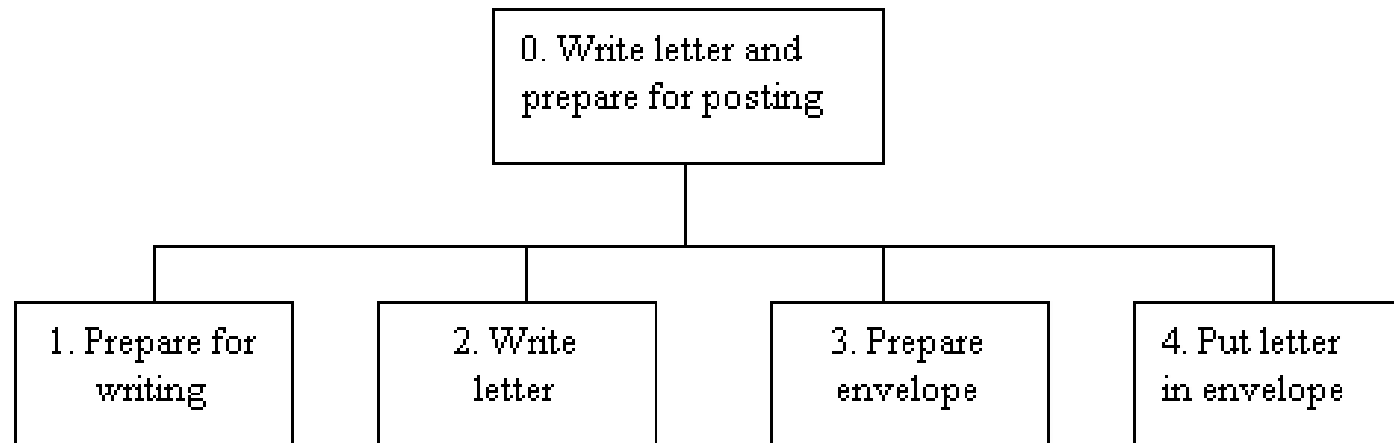
HTA Example

```
                    ┌─────────────────────┐
                    │ 0. Write letter and │
                    │ prepare for posting │
                    └──────────┬──────────┘
          ┌────────────┬───────┴───────┬────────────┐
  ┌───────┴──────┐ ┌───┴──────┐ ┌──────┴─────┐ ┌─────┴──────┐
  │ 1. Prepare for│ │ 2. Write │ │ 3. Prepare │ │ 4. Put letter│
  │   writing    │ │  letter  │ │  envelope  │ │ in envelope │
  └──────────────┘ └──────────┘ └────────────┘ └────────────┘
```

2: Write letter

- 2.1: Write own address

- 2.2: Write addressee's address

- 2.3: Write date and "Dear…"

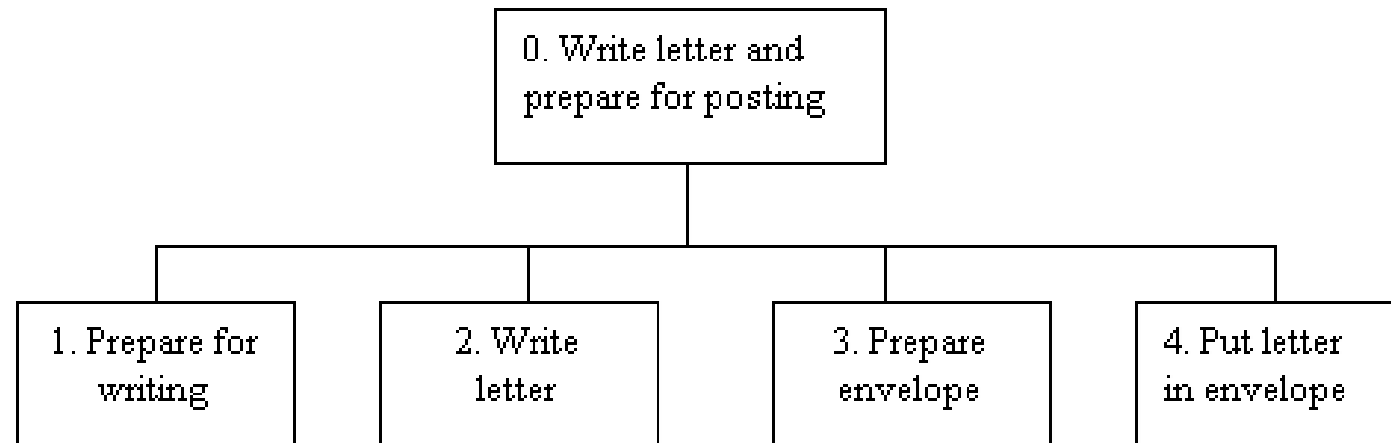- 2.4: Write body text of letter

- 2.5: Sign off

HTA Example

3: Prepare envelope

- 3.1: Write name on envelope

- 3.2: Write address on envelope

HTA Example

4: Put letter in envelope

- 4.1: Fold letter

- 4.2: Place letter into envelope

- 4.3: Seal envelope

0: Write letter and prepare for posting

- 1: Prepare for writing
    - 1.1: Get paper
    - 1.2: Get envelope
    - 1.3: Get pen
    - 1.4: Get address book (not explicitly stated, but clearly necessary)
- 2: Write letter
    - 2.1: Write own address
    - 2.2: Write addressee's address
    - 2.3: Write date and "Dear..."
    - 2.4: Write body text of letter
    - 2.5: Sign off
- 3: Prepare envelope
    - 3.1: Write name on envelope
    - 3.2: Write address on envelope
- 4: Put letter in envelope
    - 4.1: Fold letter
    - 4.2: Place letter into envelope
    - 4.3: Seal envelope

Plan 1: Do 1.1, 1.2, 1.3 and 1.4 in any order

Plan 2: Do 2.1 then 2.2 then 2.3 then 2.4 then 2.5

Plan 3: Do 3.1 then 3.2

Plan 4: Do 4.1 then 4.2 then 4.3.