

Thinking Like A Computer (2)

Think about **a process** you do most days. Now you can practice some computational thinking about your selected process.

Below are 3 ways of representing your data, or information, about your selected process. On the left-hand side we provide examples of data modeling using “brushing your teeth”. Fill in the right-hand side with your observations of your process.

1. LIST

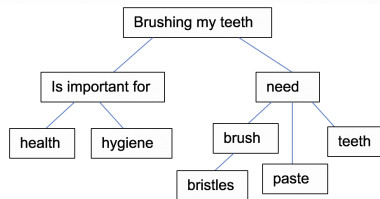
Example:

Brushing your teeth:

- Toothbrush
- Toothpaste
- Teeth
- Gums
- Bristles

2. DESCRIBE, using a concept map

Example:



3. INSTRUCTIONS, two ways

A. Recipe-style list of instructions

B. Instructions for imaginary machine doing this process

Example:

- A.
- Step 1. Squeeze toothpaste onto brush.
 - Step 2. Place bristles on teeth.
 - Step 3. Brush teeth for two minutes.
 - Step 4. Rinse out your mouth.
 - Step 5. Rinse off brush.

