A Graphical Grammar of Toki Pona

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This article explains the rules of Toki Pona grammar using only the *sitelen pona* hieroglyphic writing system in examples. For help with the pronunciation, definition, and spelling using the Latin alphabet, see A Graphic Dictionary of Toki Pona. 1

Basic sentences

The particle > separates the subject and the verb:

 $\mathbb{R} > \mathbb{R}$ = The cat is eating.

Q > 0 = The person is sleeping.

There is no verb "to be"; the part after > can also be a noun or an adjective.

 $\circlearrowleft \gt \aleph$. = Fruits are food.

 $\approx > \cup$. = Water is good.

 $\approx > \aleph$. = Water is a drink.

If the subject is \bigcirc or \bigcirc , the > is always omitted:

QR = I eat.

 $\flat \smile . = \text{You are good.}$

Modifying words

Words can be modified by appending other words. With just a single modifier, just put it right after the main word:

 $Q \lor = \text{small human} = \text{child}$

 $\triangle P = mv \text{ house}$

 $\heartsuit \lor = \text{to feel good} = \text{to be happy}$

To modify with a group of words, separate them with the particle \bot . Although it can often be thought of as meaning "of", the grammatical function of \bot is actually different: it regroups the following words. Note the difference:

 $\triangle \approx 6$ = crazy water house = strange bathroom

 $\triangle \otimes =$ house of the crazy water = pub

QVX = no strong people

 $\mathbb{Q}[0] \times \mathbb{Z}$ = people of not-strong = weak people

Ambiguity

You'll often need to know the context to decide what things mean. Many words have multiple or general meanings:

 $= \cot / dog / (any land mammal)$

Many words can play the role of a noun, adjective, or verb:

 \approx = water / wet / to wash

 \cup = good, simple / to fix, to repair

Nouns have no singular or plural, and no definite or indefinite article:

 \circlearrowleft = a fruit / the fruit / some fruits / the fruits There are ways to narrow down *which* object you are talking about:

 $\circlearrowleft \downarrow \gt \cap$. = This apple is bad.

 $\circlearrowleft \circ > \cap . = My$ apple is bad.

 $\bigcirc \underline{\&} \triangle > \cup$. = The *light yellow* apple is good.

 $\circlearrowleft \rightarrow \pm \pi$. $\circlearrowleft \downarrow \supset \cup$. = The apple is on the table. That apple is good.

Direct objects

The particle \gg separates a direct object from the rest of the sentence:

 $\mathbb{R} \times \mathbb{R} \times \mathbb{R} = \mathbb{R}$ The cat drinks the water.

 $\triangleright \approx \gg = I'm$ washing the cat.

Negation

To negate a word, append X:

 $\bigcirc\bigcirc$ X. = I'm not sleeping.

 $Q \times > 0$. = Nobody is talking.

¹Typesetting with LaTeX. The font is linja pona. Initial explanations are from the Toki Pona Cheat Sheet

Questions

To ask yes-or-no questions, replace the verb with "(verb) \times (verb)":

 $\forall K \times \forall O = \text{Are you able to sleep?}$

 $\gg \times \times \times =$ Is the cat hungry?

Alternatively, append Y? ("or what") to the sentence:

 $b\omega\nabla > OY?$ = Do you want to kiss me?

To answer these questions, reply with either "(verb)" or "(verb) \times ".

 $\omega \nabla = \text{Yes}, I \text{ want to kiss you.}$

 $\omega \nabla X = \text{No}$, I do not want to kiss you.

To ask questions that can't be answered with yes or no, write a normal sentence and replace the word in question with ?:

b 지》? = What are you eating?

?> \Re 0? = Who/what ate my fruit?

Providing context

To provide context for a sentence, prepend another sentence or expression, followed by \supset . This often results in a structures like "If (part 1), then (part 2)" or "In the context of (part 1), (part2)."

 $\bigcirc\bigcirc\bigcirc\bigcirc\bigcirc\bigcirc\bigcirc\bigcirc$. = When I'm asleep, everything is okay.

 $P \supset O \cup .$ = To me, fruit is good.

The *context* of a sentence is not the same thing as it's *subject*.

Time and Tense

Verbs have no tense:

 $\ensuremath{\mathsf{OR}}. = \ensuremath{\mathsf{I}}$ am eating. / I was eating. / I will be eating.

Instead, use a \supset -clause to add a temporal context to a sentence:

 $\bigcirc \downarrow \supset \bigcirc \bigcirc$. = I am sleeping right now.

 $\bigcirc \land \land \land \bigcirc \bigcirc . = I$ will be sleeping in the future.

 \bigcirc IOO. = I slept in the past.

Compound sentences

Separate multiple subjects in a sentence using +:

 $\bigcirc +$ > \lor . = Sleep and food are important.

To say that the subject does more than one thing, you can use multiple >-clauses:

 $\sharp > \Re > \boxtimes$. = The bug eats and destroys.

If there are several direct objects of the same

verb, you can use multiple ≫-clauses:

 $OR\gg \diamondsuit \approx 1$ consume fruit and water.

Names

Names of countries, languages, or people are treated like adjectives. They are attached to a noun indicating what class of thing is being named, and often simplified to Toki Pona's limited alphabet. In sitelen pona, the individual letters are then replaced by a series of signs within a cartouche, where only the initial sound of each sign is used. Exactly which words to use is an artistic choice:

 $\bigoplus \bigcirc \land \land \lor \lor \land \land \land \lor \lor \circ$. = Kapile = Canada is pretty.

 $OON \longrightarrow OON \longrightarrow OON$. = Inli = I don't speak English.

 \oplus △ \Box 도본 (Nujoka = New York is big.

This use of cartouches is why the *sitelen pona* sign for *name* or *word* is \square .

Note: with Latin letters, names are capitalized.

Prepositions

 $\dot{}$, Ξ , Λ , and \cap can be used as prepositions at the end of a sentence to modify the verb:

PR = I eat in the house.

 $\bigcirc \land \bigcirc \land \bigcirc$. = You are good for me. = I like you.

bん \wedge ? = Why are you leaving?

In proper Toki Pona, prepositions do not modify nouns.

Commands

Use ! and then what you want the person to do:

 $\downarrow \odot \gg \downarrow ! = \text{Look at this!}$

To address someone, start a sentence with "(person) &,":

Also use this together with a command, merging the two \downarrow 's:

Numbers

Combine number words to add them up:

$$1 = 1$$
, $|| = 2$, $|| = 5$

 $\bigcap \bigcap \prod 1 = 13$