

CIS 3362 9/17/2025

- Navajo Code used by US in WWII  
This wasn't broken as far as we know.

Philip Johnston - grew up on a Navajo Reservation.

Suggest to superior why not base a code on a Native American language?

- Only spoken (less likely someone has access to learn)

Test message

Navajo did this ~ 21 min  
Old way → 35 min

Wasn't close

Criteria

- Navajo
- 1. No evidence that any Japanese exchange students etc. has ever come in contact with the language.
- 2. Group must have enough fit young men who also know English,

1st Group: 32 Code Talkers

1 → Dropped Out

2 → Stayed back to train next batch

29 → Sent to field (Pacific Arena)

→ Core training in/ near San Diego

3 month camp

STEP 1 - Making Code } one month

STEP 2 - Military Training

1. Just Navajo when possible
2. A lot of common military words that don't have Navajo translations ⇒ given code words.  
initial 300 → 700 something

3. Spell out letter by letter if not on our list + not in Navajo.

to thwart frequency analysis each letter was given multiple codes IF it was a common letter. (letters assign 1, 2 or 3 code words depending "roughly" on frequency.)

WIND TALKERS

ENIGMA - IMITATION GAME