

Solution v0.1

Assumptions

1. The solution text may or may not be free of errors, given that it isn't final and the trailer says that the footage isn't final gameplay footage.
2. Given the degree to which Nintendo has waited to share details over fear of spoilers, it could be possible that characters were changed or removed.
3. Past alphabets in the Legend of Zelda series have particular rules that should be accounted for, such as:
 - **Hero of Time Hylian:** Based on a 46/71 Hiragana sounds. It's missing Dakuten and there are several piece of Hylian text of Ocarina of Time where you must change the transliterated text to it's Dakuten counterpart to make sense of it (i.e. Ka/Ga, Sa/Za, Ta/Da, Ha/Ba).
 - **Wind Waker Hylian:** Utilizes RIYA/I/O/E/U and RY/A/I/O/E/U interchangeably. There are also scenarios where "Rio" is used in place of "Ryu".
 - **Sky Era Hylian:** D/W, E/K, G/Q, I/X, O/Z, P/T letter pairs are interchangeable and the alphabet uses the same rune for both
 - **Lorulean Hylian:** D/G, E/W, F/R, J/T, O/Z letter pairs are interchangeable and the alphabet uses the same rune for both

Rules

1. For the most part, words should end with A, I, O, E, U, N (*and possibly 'ng'*). Stem words can break this rule if the source was transliterated by someone without knowledge of the language.
2. If an error in the source is assumed, the step applied to "correct" it should be applied across the board for all errors of the type, to avoid injecting bias, hopes, and dreams into the solutions.

Summary

To understand large areas of this solution, please read up on the [rune inventory](#) and [cipher text analysis](#) first.

Process

1. Start with the key letter of the highest frequency (*in this case C or D*) and substitute a vowel or consonant from the pool of frequent characters and remove it from the pool once you've replaced all instances of the key letter.
2. Move on to the next key letter and perform step 1 again.

Methodology

- Start with the left panel because it has the highest concentration of single letters, syllables, and digraphs
- Once a theoretical key starts to emerge, substitute key letters on the right panel to check if things emerge

Left Panel Tests

Attempt 1

Note																					
Consonant & Vowel Pattern	C	V	C	V	C	V	C	V	C	V	C	V	C	V	C	V	C	V	C	C	V
Cipher Characters	A	B	C	D	E	G	C	G	C	D	E	X	A	B	A	B	C	D	E	C	D
Substitution Characters	S	O	N	A	H	I	N	I	N	A	H	U	S	O	S	O	N	A	H	N	A

Analysis Notes

Words	Notes/Problems
SONA = THAT WAY	Sona shouldn't be at the beginning
HI = DAY	Hi could be the subject but still doesn't make sense to follow sona
NI = TWO, TOWARDS	If Ni was "towards" it should be at the end of the sentence
NAHU = NAME TAG	Nahu being towards the middle could indicate it's a subject
SOSO = NEAT	Soso on its own maybe shouldn't go here, neatly could work
NA = DONT	Don't is an adjective, which would make Soso into Sosona which works
	This solution has too many issues to be right

Attempt 2

Notes from last test

- D=A and B = O can still work, C as N probably doesn't work so shift consonants

Note																					
Consonant & Vowel Pattern	C	V	C	V	C	V	C	V	C	V	C	V	C	V	C	V	C	V	C	C	V
Cipher Characters	A	B	C	D	E	G	C	G	C	D	E	X	A	B	A	B	C	D	E	C	D
Substitution Characters	S	O	N	A	H	I	N	I	N	A	H	U	S	O	S	O	N	A	H	N	A

Analysis Notes

Words	Notes/Problems
SO = Ancestor	SO KAHI KI gets us towards subject-object
KAHI = Monument	Kahuso is a noun which could maybe relate to the object?
KI = Spirit	Ka being a noun doesn't work without a verb ending or adjective
KAHUSO = excess	Kah is not a stem word so this solution likely doesn't work
KA = Lesson	

Attempt 3

Notes from last test

- D=A, B = O, C = K can still work, E = H likely isn't but since we got a subject and object last round, try moving consonants

Note																					
Consonant & Vowel Pattern	C	V	C	V	C	V	C	V	C	V	C	V	C	V	C	V	C	V	C	C	V
Cipher Characters	A	B	C	D	E	G	C	G	C	D	E	X	A	B	A	B	C	D	E	C	D
Substitution Characters	H	O	K	A	S	I	K	I	K	A	S	U	H	O	H	O	K	A	S	K	A

Analysis Notes

Words	Notes/Problems
HOKA = Beyond	KAS as a stem word implies KAS/U/I/E/A, KASHI, KASHITE depending on context
SIKI=Ceremony	This solution has similar sentence structure problems
KASU = Loan	
Ho = Sail	
HOHO = Smile	
KAS = Godan Stem Word	
KA = Lesson	

Attempt 4

Notes from last test

- D=A, B = O, C = K, A=H can still work, since the last solution started to reveal a lot better detail, lets keep everything but swap vowels around

Note																					
Consonant & Vowel Pattern	C	V	C	V	C	V	C	V	C	V	C	V	C	V	C	V	C	V	C	C	V
Cipher Characters	A	B	C	D	E	G	C	G	C	D	E	X	A	B	A	B	C	D	E	C	D
Substitution Characters	H	I	K	A	S	O	K	O	K	A	S	U	H	I	H	I	K	A	S	K	A

Analysis Notes

Words	Notes/Problems
HIKA = Light	We have light and ancestor which could be a great subject
SO = Ancestor	Koka or Kokasu are problematic in their location
KOKA = Solidify	Hi could be the object
KOKASU = Knock down	Applying the ending KA with the stem word KAS (Kasu/i/e/o) works
HI = Day	HIKA could be HI and KA as separate words
KAS = Godan Stem Word	
KA = Lesson	

Attempt 5

Notes from last test

- D=A, B = I, C = K, A=H feel like we are on the right track. This round try and shift E=C to something else. The next consonant in the pool is R

Note																					
Consonant & Vowel Pattern	C	V	C	V	C	V	C	V	C	V	C	V	C	V	C	V	C	V	C	C	V
Cipher Characters	A	B	C	D	E	G	C	G	C	D	E	X	A	B	A	B	C	D	E	C	D
Substitution Characters	H	O	K	A	S	I	K	I	K	A	S	U	H	O	H	O	K	A	S	K	A

Analysis Notes

Words	Notes/Problems
HIKAR = Godan stem word	We have a stem word twice (Hikar) with is about light doing a thing
ROKO = Open	This falls apart in the same places as others, by having SO or V
KARU = Cut	
HI = Day	
HIHI = All	

Attempt 6

Notes from last test

- D=A, B = I, C = K, A=H, E=R feel like we are on the right track. Try G = U since U is the next vowel and HIKARU would be grammatically correct since HIKARO isn't real. Since X is singular, let's re-introduce the S consonant since it has a high frequency

normally

Note																					
Consonant & Vowel Pattern	C	V	C	V	C	V	C	V	C	V	C	V	C	V	C	V	C	V	C	C	V
Cipher Characters	A	B	C	D	E	G	C	G	C	D	E	X	A	B	A	B	C	D	E	C	D
Substitution Characters	H	I	K	A	R	U	K	U	K	A	R	S	H	I	H	I	K	A	R	K	A

Analysis Notes

Words	Notes/Problems
HIKARU = Shine	This feels startlingly close to something real
KU = end of phrase	There is enough here, in common with Japanese poetry style to be real
KARA = Empty/Void	Need to play with different splits, such the ending HIKAR as HI KARA
SHI = End line verse	
HIKAR=STEM word	
KA = Question	

Right Panel Tests

Trying with key:

- HIKARUKUKARSHIHIKARKA

Attempt 1

Note																					
Consonant & Vowel Pattern	C	V	C	V	V	C	V	V	C	V	C	V	V	V	C	C	C	V	C		
Cipher Characters	Y	D	E	B	S	X	D	S	A	Z	Y	D	B	Z	R	C	E	S	R		
Substitution Characters	T	A	R	I	O	S	A	O	H	E	T	A	I	E	N	K	R	O	N		

Notes from last text for left panel key

- Substituting all from the left panel WIP key just to see if anything jumps out. Expect that S is a vowel based on cipher ending being ESR where E is a consonant. The next vowels should be either E or O because we're running out. O is more popular so try it first. Z is also likely a vowel since it's enclosed in two consonants. Try E. Next consonants are N and T. Y and R have the same frequency so try both next consonants. R is probably N since it would be weird to end on a T for situations like ESR, DBZ

Analysis Notes

Words	Notes/Problems
TARI doing a thing	This feels on track for something but there are issues with structure
AO = BLUE	The fact that there's an honorific affix feels right for structure
HETA = Unskilled	The honorific also makes sense if the panel is talking about an important figure
IEN = Beyond	TLH clued me in that older hylian has no dakuten, so TA maybe DA
ON = Affix Honorific	

Attempt 2

Notes from last text for left panel key

- Trying with all of the same subs but with TA = DA since older hylian was missing Dakuten

Note																					
Consonant & Vowel Pattern	C	V	C	V	V	C	V	V	C	V	C	V	V	V	C	C	C	V	C		
Cipher Characters	Y	D	E	B	S	X	D	S	A	Z	Y	D	B	Z	R	C	E	S	R		
Substitution Characters	D	A	R	I	O	S	A	O	H	E	D	A	I	E	N	K	R	O	N		

Analysis Notes

Words	Notes/Problems
DA = BE/IS	Using dakuten is helping here
DAIEN = Great Circle	KR is problematic, but the right panel is also two characters short
AO = BLUE	It might be worth trying KARA, KURE, KIRI in case right was shortened
HE = TO	DAIEN is pre-edo slang for the moon
ON = Affix Honorific	Wind Waker use RIO and RYO and RIYO interchangeably for RYO
DAI = BIG	It's worth checking if dakuten can help on the left panel
EN = Circle	
ENKA = Viewed through mist	

Proto Hiragana

Right Panel: だりおさおへだいえんからおん

Left Panel: ひかるくからしひからか