

1 Meet Yagi!

Your Guide to Ham Radio Adventures



Hi Yagi, I'm Yagi, a little red squirrel with a big curiosity and an even bigger love for adventure!

I discovered amateur radio and now I explore, learn, make friends, and help others along the way. Where will we go next? Let's find out! ♥

Yagi Says...

You don't have to know everything to start. You just have to be curious enough to ask your first question. ♥



- ★ GAMES
- ★ PUZZLES
- ★ COLORING
- ★ FUN FACTS
- ★ SECRET CODES
- ★ & MORE!

P.S. I hid an acorn on this page. Can you find it? 🌰

2 WORD SEARCH

Can you find these ham radio words?



WORD LIST

RADIO

HAM

ANTENNA

SIGNAL

MIC

CQ

QSO

73

POTA

YAGI

Q	R	A	D	I	O	X	U	I	O	P	A	S
Z	H	A	M	W	E	R	T	Y	L	K	J	G
A	B	C	D	X	A	N	T	E	N	N	A	F
Q	W	E	R	T	Y	U	I	O	S	D	F	G
S	I	G	N	A	L	Z	X	C	V	B	N	M
P	L	K	J	H	G	F	D	S	A	Q	W	E
Z	X	C	V	B	M	I	C	L	K	J	H	G
Q	W	E	R	T	Y	U	I	O	C	Q	Z	X
A	S	D	F	G	H	J	K	L	Q	S	O	P
Y	U	I	O	P	A	S	D	F	G	H	J	K
Z	X	C	V	B	N	M	C	Q	W	E	R	T
P	O	T	A	B	V	C	X	Z	L	K	J	H
A	S	D	F	G	H	J	K	L	7	3	M	N
Q	W	E	R	T	Y	U	I	O	P	Z	X	C
Y	A	G	I	B	N	M	Q	W	E	R	T	Y

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3 CAN YOU SPEAK HAM?



Draw a line to match
the ham term with what it means.



CQ
73
POTA
QSO
Repeater

Best Wishes
Talking directly
Parks on the Air
A Conversation
talk farther
Calling Anyone



YAGI'S TIP
Practice makes
progress! Don't be
shy—hams are
friendly! ♥

♥ ANSWER KEY ♥

CQ — Calling Anyone
73 — Best Wishes
POTA — Parks on the Air
QSO — A Conversation
Repeater — Helps radios
talk farther
Simplex — Talking directly

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4

THE PHONETIC ALPHABET

Hams use special words so letters
are easy to understand.



A	Alpha	N	November
B	Bravo	O	Oscar
C	Charlie	P	Papa
D	Delta	Q	Quebec
E	Echo	R	Romeo
F	Foxtrot	S	Sierra
G	Golf	T	Tango
H	Hotel	U	Uniform
I	India	V	Victor
J	Juliett	W	Whiskey
K	Kilo	X	X-ray
L	Lima	Y	Yankee
M	Mike	Z	Zulu



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5

COLOR YAGI!

Color Yagi and the adventure scene!



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Morse Code with Yagi!

Dit, Dah –
That's the way!
Morse is fun
and easy to learn!

What is Morse Code?
Morse code is a way of sending messages using short and long signals called dots (•) and dashes (–). It was the original “texting” of radio!



LETTERS

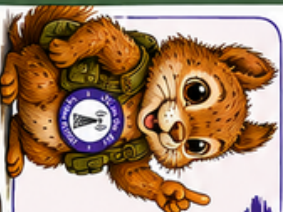
A	• –	N	– •
B	• • • •	O	– – – –
C	– • – •	P	• – – •
D	– • • •	Q	– – • –
E	•	R	• • – •
F	• • – •	S	• • • •
G	– • • •	T	–
H	• • • •	U	• • –
I	• •	V	• • • –
J	– • – –	W	• – –
K	• – • •	X	– • • –
L	– – • •	Y	– • – –
	– –	Z	– – • •

NUMBERS & PUNCTUATION

1	• – – – –	.	• • • • •
2	• • – – –	?	• – • • •
3	• • • – –	/	• – – • •
4	• • • • –	(	– • – – •
5	• • • • •	)	– • – – •
6	– • • • •	,	– • • • •
7	– – • • •	=	– • • • •
8	– – – • •	@	• – • • •
9	– – – – •		
0	– – – – –		

QUICK TIPS FROM YAGI

- ✓ Short sound = Dit (•)
- ✓ Long sound = Dah (–)
- ✓ Space between letters
- ✓ Bigger space between words



TRY IT! Decode these simple words!

HAM	• • • / • – / –
RADIO	• • • / • • / – • • / • • / – – –
YAGI	– • • – / • • – / – • • • / • •
POTA	• • • • / – – – / – / • •
HELLO	• • • / • / • • • • / • • • • / – – –

MORSE CODE IN ACTION!



CQ CQ CQ
This is KE2FAI!

“It’s not about being perfect – it’s about making connections, one dot and dash at a time.”

Practice a little each day – You’ve got this! ♡ 73 and Happy Operating! ♡

7

WHAT'S IN YAGI'S BACKPACK?

Circle everything Yagi should bring on a ham radio adventure.



Radio



Map



Compass



Flashlight



Snack



Water



Notebook



Extra Battery



Pencil



First Aid Kit

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8

DRAW YOUR ADVENTURE!

What is your favorite outdoor place?

Draw it here!



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Yagi Asks...

Why do you love
this place?

9

CONGRATULATIONS!

You completed Yagi's Ham Radio Adventure!



Name: _____

Date: _____

Signed by a Ham Radio Operator: _____



YAGI'S CHALLENGE

Can you find these on your next adventure?

☐

A bird sitting on a wire


☐

A handheld radio


☐

A radio antenna


☐

Someone helping another person


☐

A squirrel



KEEP EXPLORING!

Visit

YL on the Air

Scan the QR code!



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