

HB 1ØØJAM

QTH: Kandersteg

Locator: JN36UL



KISC 100

1923 - 2023

Kander 100: Radio Scouting activities

1. Activity

Amateur Radio Station

2. SDGs

4, 9, 16

3. GG hub

-

4. Ages

11+

5. Duration of the activity

30 mins to 1 hour

6. Minimum of participants

1

7. Materials needed

Lots ...

8. Location of materials

keep locked at Uncle Sams Cabin

9. Location of the activity

Uncle Sams Cabin

10. Description

Getting in touch with the world by amateur radio. Experience the surprises of where the radio waves go to whether it's analog or internet supported. We may have contacts with other scouts and scout camps.

11. Badge

International Friendship Award

Radio Scouting Award

12. QR code to earn the badge.

International Friendship Award





13. Educational objective

Learn about the possibilities amateur radio gives to scouting. Recognize how technologies support communication. Knowledge of some basis for physics.

14. Before the activity

All equipment is stored at Uncle Sams Cabin.

Put up and connect all devices in the morning (takes at least 30 minutes).

Test if all devices and antennas work.

Make sure that no cables are laying around.

15. Instructions

Give a very short introduction to radio scouting history from 1911 (XBS), 1957 (GB), JOTAs, Jamborees to today.

Explain the principle of propagation of radio waves, tx-ant-airwaves-ant-rx

Explain the spelling alphabet and why you use it.

How radio call signs are constructed (Prefix/Suffix).

Demonstration /Explanation/Training of radio contacts on HF, Echolink and DMR.

16. Reflective question

What was your favourite radio contact?

What is better: analogue or digital?

How do the radio waves go around the world?

17. After the activity

Short information on the other activities in the Radio Scouting area and JOTA-JOTI.

Only in the evening/night (when the station is closed down):

Disconnect all devices, store everything in Uncle Sams Cabin, lock the door!

18. Training notes

None

19. Safety

Nothing particular

20. Accessibility

No limitations



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Phonetic Alphabet

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 Juliet	W Whisky
K Kilo	X X-ray
L Lima	Y Yankee
M Mike	Z Zulu

Tell the other station
something about your
activities today.

My Scouting Message

My name is:

List your name in phonetics



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Spelling Alphabet

Letter	Code Word	Letter	Code Word
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	Juliet	W	Whiskey
K	Kilo	X	X-ray
L	Lima	Y	Yankee
M	Mike	Z	Zulu

Source: International Telecommunication Union (ITU): Radio Regulations, 2020



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Word Search: Spelling Alphabet

This word search contains all the words used in the international spelling alphabet, together with some other words used in amateur radio. Together these are 36 words. The words can be written in all directions: vertically, horizontally, diagonally.

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

Here is the spelling alphabet:

Alpha : Bravo : Charlie : Delta : Echo : Foxtrot : Golf : Hotel : India : Juliet : Kilo : Lima :
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P	O	I	D	A	R	L	C	Y	I	P	T	A	N	G	O
H	O	T	E	L	Y	G	H	D	B	E	C	H	O	Q	L
A	G	X	B	R	A	V	O	P	I	X	R	A	Y	A	U
E	M	D	C	A	N	L	Q	L	R	S	R	R	T	T	L
D	A	Z	Y	B	K	G	U	J	F	O	F	Z	A	L	U
O	P	F	A	G	E	J	K	Y	T	E	O	K	Z	E	Z
C	A	M	I	L	E	D	F	E	P	M	X	Y	I	D	S
E	P	N	D	O	F	U	S	E	Y	O	T	L	Z	L	T
S	B	L	N	O	V	E	M	B	E	R	R	B	A	N	O
R	S	W	I	R	E	J	L	K	T	A	O	A	Z	I	F
O	R	O	T	C	I	V	P	B	H	F	T	J	C	L	D
M	P	N	R	E	V	I	E	C	E	R	L	T	C	S	H
Q	U	E	B	E	C	L	Y	A	N	N	E	T	N	A	O
H	P	A	I	Z	O	M	R	O	F	I	N	U	P	Q	O

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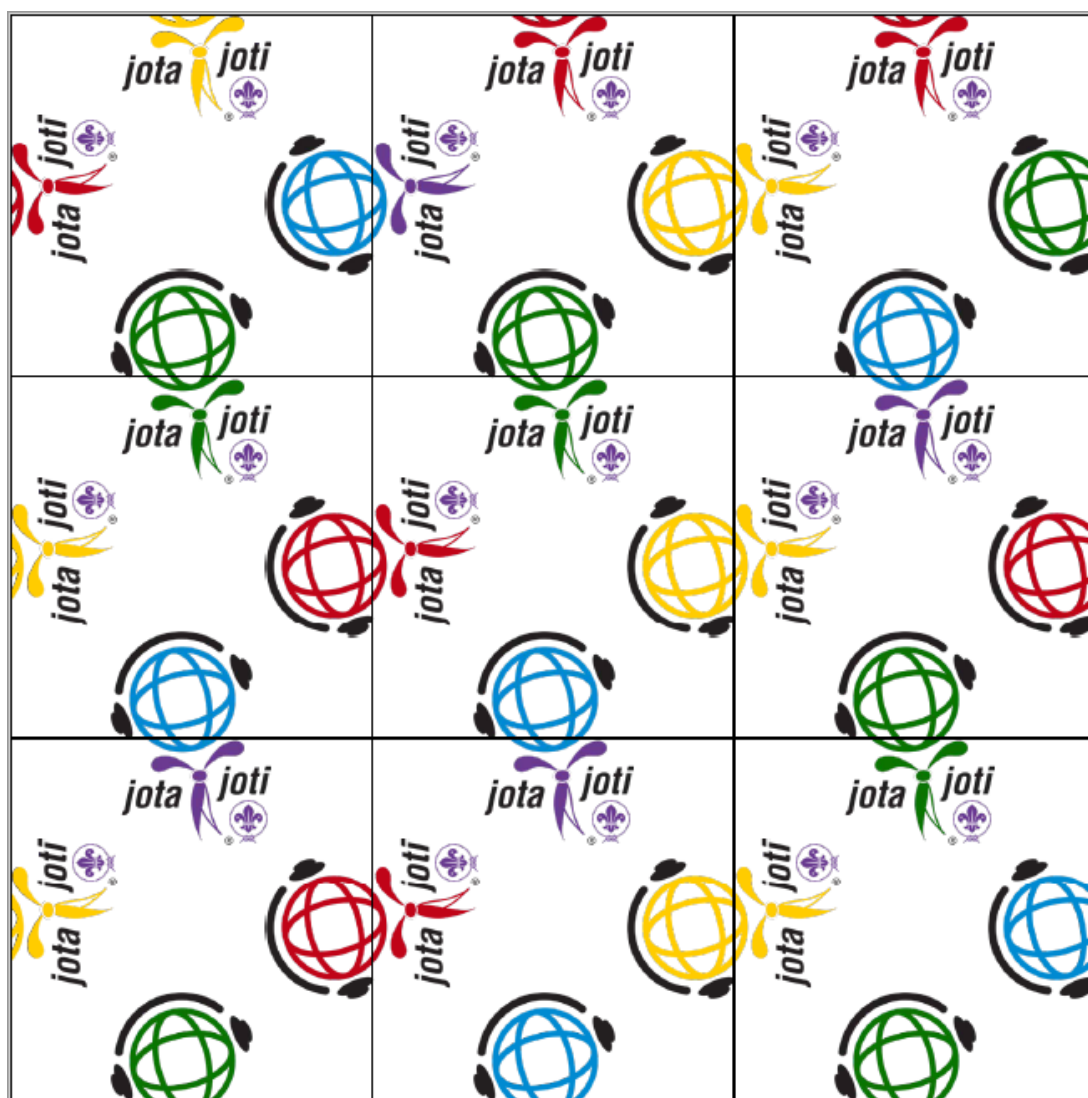
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Puzzle Game

A card game where logical thinking is required.

Preparation: Print out the picture as large as possible and cut it into nine parts.



Lay the cards so that there is always a top (with headphones) and a bottom (with tie) of a globe of the same color together. The 9 cards form a square. 2 different solutions are possible - have fun!



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Source: RISC am Bula Spielhöhle

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www.radio-scouting-ideen.de