

MysteryTwister C3

THE CRYPTO CHALLENGE CONTEST

"THE ROAD" – PART 3

Author: Marc Gutgesell

October 2018

Introduction

This is a three-part challenge which was inspired by Kryptos. It consists of a graphic (see page 4) with several encrypted texts on the left hand side plus a key part on the right hand side. In addition, it is separated in two blocks one below the other with different colors.

Can you solve this mysterious challenge?

Hints for all 3 parts

To solve this challenge you should have some experience with the cryptanalysis of classical ciphers. The plaintexts in all 3 parts are in German. This holds also for keys in case they are derived from meaningful words or sentences.

One of the three parts deals with a key which is derived from words that play a central role in a fairy tale. It will not be revealed in which of the three parts this is the case. Please pay attention to the fact that in the German version of the fairy tale one word is translated analogously – not literally. With the aid of Google translator you can also find the analogous translation. In addition you can find the words in the German Wikipedia article about the fairy tale.

Challenge (1/2)

DFIWN0AMYWPFPHUWJIBTL
QOZ0WVUZKUMUMBRWZUEZW
ZCYSGYUKLSSNHHUZNZBES
ZHLYLKTUZUMWKGVHKXBAQN
LWMDCKBITICKRXAXRNTIT
PLZETQGJLIITWTMRTRTSN
EFDMSNDNFENVEEIH8UGG
REDEUZOEWLEOITSREAAE
AIMSNRESGDNRUWTDVENE
USIROIDSSNEEUAIITWT
RTRTSNEFDMSNDNFVWVEE
IHZUGGREDEUZOIWL0IT
SREAEAIMSNAESGDNRUW
TDVENEUSEROIDSSNENUAI

T
H
E
R
O
A
D

JAUNBCDFGHIKLMOPQRSTUVWXYZ
AUNBCDFGHIKLMOPQRSTUVWXYZJ
UNBCDFGHIKLMOPQRSTUVWXYZJA
NEBCDFGHIKLMOPQRSTUVWXYZJAU
EBCDFGHIKLMOPQRSTUVWXYZJAUN
BCDFGHIKLMOPQRSTUVWXYZJAUNE
CDFGHIKLMOPQRSTUVWXYZJAUNEB
DFGHIKLMOPQRSTUVWXYZJAUNBC
FGHIKLMOPQRSTUVWXYZJAUNBCD
GHIKLMOPQRSTUVWXYZJAUNBCDF
HIKLMOPQRSTUVWXYZJAUNBCDFG
IKLMOPQRSTUVWXYZJAUNBCDFGH
KLMOPQRSTUVWXYZJAUNBCDFGHI
LMOPQRSTUVWXYZJAUNBCDFGHIK

TTYNUBBICXWDMNJFMCBVOPOXJZ
DWRUPHLBZWISSOXMSHFNPPIJZR
CNLZKNFHSZVCRFXMJFYLJUXVCW
FBD8JTBTIJWCKRJG8CKFNWKIAJ
QCWQESNCWDGIADWKRFRHDCOTOU
HEVVXKARCWYCGBOOJUBWC8FEPKR
GGIRDECHJXZ8VQQMNS8MZCNMM
QRXXUDYPNGAFFZYDCPNNOOYJMV
BWGRBKVUWURKZGNURZJSVF8NTN
QRXEJAPVUDJQZ8WFVNYRT8AWZ8G
OYTJTUBWI8HPEXNIDISSIY8DWX
GNYKZ8DWKL8WHVNSJXC8YDKNW8Z

MOPQRSTUVWXYZJAUNBCDFGHIKL
OPQRSTUVWXYZJAUNBCDFGHIKLM
PQRSTUVWXYZJAUNBCDFGHIKLMO
QRSTUVWXYZJAUNBCDFGHIKLMOP
QRSTUVWXYZJAUNBCDFGHIKLMOPQ
STVWXYZJAUNBCDFGHIKLMOPQR
TVWXYZJAUNBCDFGHIKLMOPQRS
VWXYZJAUNBCDFGHIKLMOPQRST
WXYZJAUNBCDFGHIKLMOPQRSTV
XYZJAUNBCDFGHIKLMOPQRSTVW
YZJAUNBCDFGHIKLMOPQRSTVWX
ZJAUNBCDFGHIKLMOPQRSTVWXY
ABCDEF8RHIMKL8NOP8Q8ST8UV8W8X8Y8Z

Challenge (2/2)

The 3rd part deals with the overall solution of the puzzle. Please solve the two previous parts of the challenge first.

The solution consists of a short sentence which also represents the end of the fairy tale. Please enter this sentence in capital letters without spaces.

Hints

- ▶ Elderly fairy tale from the USA
- ▶ Help her to find her way back home
- ▶ Follow the "abstract instruction" of the plaintext of the 2nd part
- ▶ The solution is not revealed in the plaintext of the 2nd part.
- ▶ Hidden information
- ▶ Kryptos "IT WAS TOTALLY INVISIBLE"
- ▶ The approach consists of 4 steps