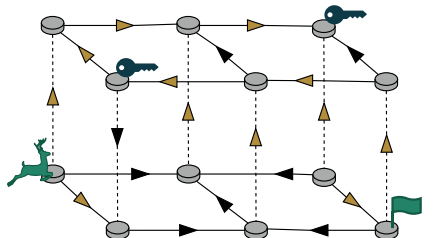


Six of the puzzles below have one-word answers. Using the design on the front of the card, arrange these to form two what3words addresses. The remaining puzzle contains a third address. Once you've found the locations, take a single word from each one to find our seasonal message.



Cyber Security



Rudolph needs to escape from this cyberspace maze by reaching the flag. He starts where indicated and can move North/East/South/West to points along the same layer, or he can Ascend/Descend between layers (as shown by the dashed lines).

He can only go in the direction of the arrows. If he touches a key, then ALL the gold arrows will swap direction. What is his shortest route to get to the flag – and can you describe it using one 7-letter word?



Languages

If a French ailurophile fancies a chat, what does a Polish cynophile fancy?



Coding

| | | |
|---|---|---|
| F | O | R |
| M | A | T |
| I | O | N |

1. Replace all the blue cells with a letter from PART
2. Replace all the green cells with a letter from EYES
3. Replace all the gold cells with a letter from UNCURL

After each step you should have three 3-letter words in the rows of the grid, and you need to finish with a 9-letter word in the same formation as FORMATION.

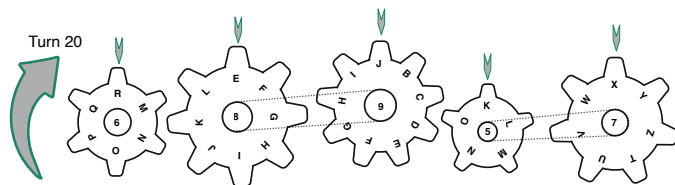


Analysis

The Director has written his usual Christmas message, but now uncover the odd one out amongst the words forming these two sentences. It's odd because it's **not odd!**



Engineering



Codebreaking

xibu4xpset beesftt jt pvucpbse.hsje.sfkpjot



Mathematics

If 2=GROWTH and 6=EXIST, then 9= what seven letter word which describes what you'll be doing with your presents on Christmas Day?

#GCHQChristmasChallenge

Follow @GCHQ - GCHQ to find the answers soon



*Merry Christmas and
a Happy New Year*

