

MORSE AND MARCONI PUZZLE



CHALLENGE

See if you can decode the seven words and discover the answer to this puzzle!

1. On the webpage you will find seven audio files.

WHAT TO DO

- Each audio file contains a word in Morse code.
- 2. You will need to look at the 'Morse Code Translator' available on the same webpage.
- **3.** Play each audio file in turn and use the translator to decode the words. Record the words in the crossword matrix below.
- **4.** In numbered order, the seven words spell out a clue. See if you can find the answer.
- 5. HINT: The answer to the clue can be found in the most relevant section of the online exhibition Marconi, Wireless World at www.mhs.ox.ac.uk/marconi/





THE MORSE CODE TRANSLATOR



www.hsm.ox.ac.uk

Learn how to translate Morse code in one minute!

The diagram on this page is designed to help you translate Morse code quickly and easily.

HERE'S HOW IT WORKS:

•Listen to the Morse code message. Each letter of each word is made up of a different pattern of dots (short beep or 'DIT') and dashes (long beep or 'DAH').

•Notice how each letter in the word is separated by a slightly longer pause which will help you separate the individual letters.

FOR EACH LETTER:

•Place your pencil where it says START and listen.

•Move down and to the right every time you hear a DIT (a dot).

•Move down and to the left every time you hear a DAH (a dash).

•Carry on until you get to the letter.

HERE'S AN EXAMPLE:

•You hear DAH DIT DIT which is a dash then dot then dot.

•You start at START and hear a DAH then move down and left to the T and then you hear a DIT so you move down and RIGHT to the N and then you hear another DIT so you move DOWN and RIGHT again and land on the D.

•You then write down the letter D and jump back to START waiting for your next letter.

You might need to have a few goes to practice hearing each letter separately but you'll be surprised how easy it is once you've got going!

