

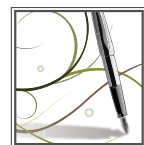
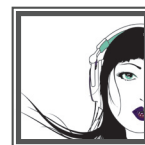
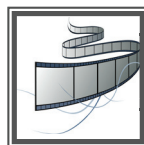
Expert 3: The Spoken Word

Task 1: Gathering information

Answer the following questions. Remember to read the information boards, look at the exhibits and read the mi-Guide information carefully to find the answers to the questions. Your 'home' group is relying on you!

- 1 Who invented the phonograph, the first 'talking machine'? When? Which Manchester newspaper reported this event? When?
A
- 2 What were sounds recorded on?
A
- 3 Who invented the first magnetic recording medium? When?
A
- 4 Who introduced the compact audio-cassette recorder? When?
A
- 5 What was the significance of this?
A
- 6 Who invented the gramophone? When?
A
- 7 What was its significance?
A
- 8 When was the 12-inch LP (Long Playing Record) introduced?
A
- 9 Who patented the first telephone? When did he do this?
A
- 10 What was needed to transmit the sound? What was it transmitted through?
A
- 11 When was the first public telephone or 'call office' opened? When was the Post Office No. 8 kiosk introduced? What features did it have?
A

Gallery Activity



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- 12 Who developed the first automatic telephone exchange? When?
A
- 13 Who developed the telegraph? When?
A
- 14 When did Marconi patent his system for sending telegraph messages through the air (wireless)?
A
- 15 What is the name of Manchester's first radio station? When did this station, which went on to form part of the British Broadcasting Company, first broadcast publicly in Manchester?
A
- 16 What were the most popular types of radio used in the 1930s? How many households owned a radio in Britain by 1930?
A
- 17 Who developed the first pocket sized radio? When?
A
- 18 When was Radio Manchester launched by the BBC?
A

Task 2: Coding in Morse code

Write your name in Morse code.

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Task 3: Inventors

Match the name of the person or people with their invention by drawing a line between the two.

Bell
Berliner
Edison
Ericsson
Marconi
Philips
Poulsen
Sony

Compact audio cassette player
Gramophone
Magnetic recording medium
Phonograph
Pocket size radio
Switchboard exchange
Telephone
Wireless telegraph