Morse Code Secret Message (Elementary)

<u>Description:</u> Students will use a Morse Code cypher to decode and encode messages.

Background Information:

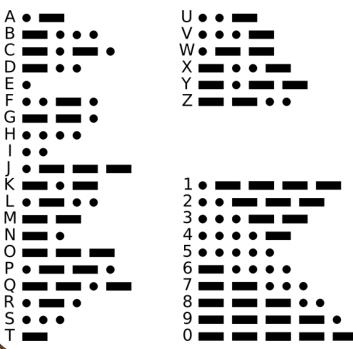
The invention of the telegraph was a significant advancement in communication technology. It increased the speed at which messages could be transmitted across vast distances. The completion of a transcontinental telegraph line in 1861 made the Pony Express obsolete after just 18 months of operation. A telegraph sends communication by making and breaking an electrical connection. It sends electrical current pulses along a wire using Morse Code encoding.

Activity Description:

Morse Code is a telecommunication system used to send sequences of dashes and dots that represent letters of the alphabet. Use the cypher below to decode a the received telegraph. Then, use the cypher to encode your own telegraph message.

International Morse Code

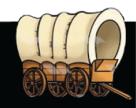
- 1. The length of a dot is one unit.
- 2. A dash is three units.
- 3. The space between parts of the same letter is one unit.
- 4. The space between letters is three units.
- 5. The space between words is seven units.



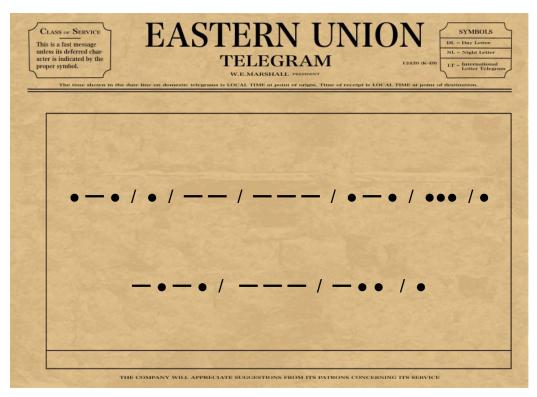








How do telegraph operators apologize?



Write your own message for a friend to decode.

