# Medium and message

1. Match each type of message with its transmission medium.

|  |  |
| --- | --- |
| **Type of message** | **Transmission medium** |
| speech … | … light waves |
| picture fax … | … radio waves |
| walkie-talkie … | … microwaves |
| text message … | … air vibrations |
| body language … | … copper wires |

# Signal, range, and noise

1. Match the start and end of the sentences.

The error is … … meaningless data in the system.

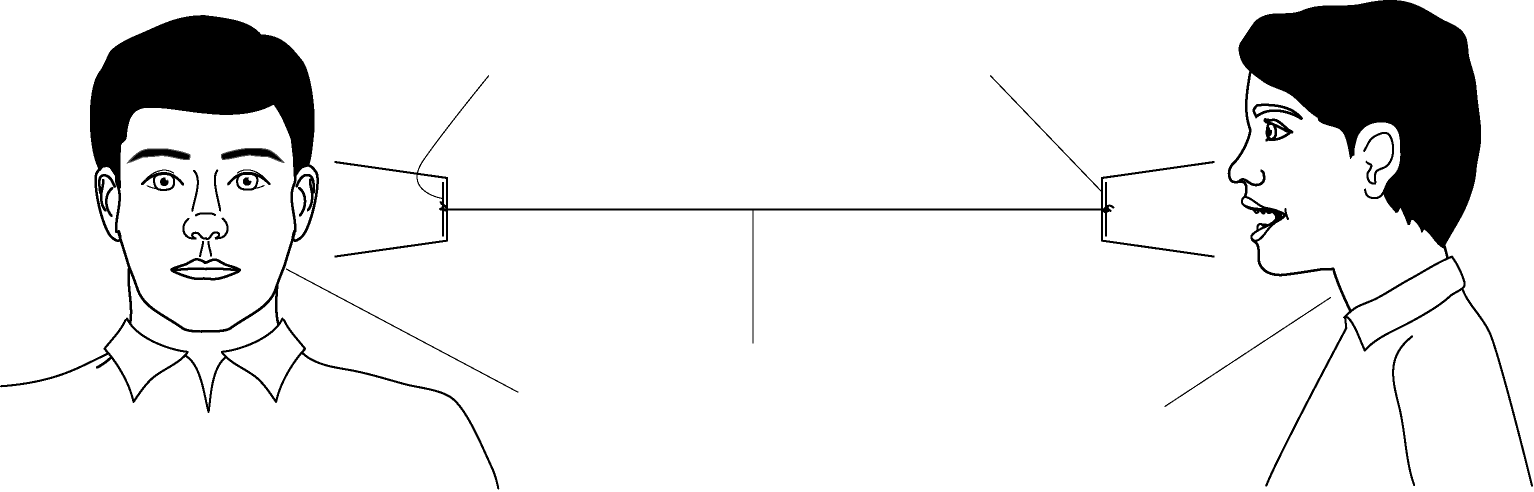
The noise is … … caused by signals being lost in the noise.

The range is … … the message being transferred through the system.

The signal is … … how far the message can be sent without error.

# String telephone

1. Use the words below to label the diagram of a string telephone.



**match**

**sender**

**receiver**

**plastic pot**

**tight string**

1. The sentences explain how the system works. Put them in the correct order.

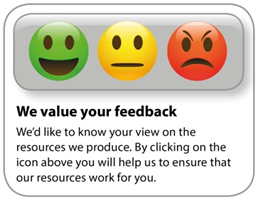
**The receiver hears the message.**

**The sound makes the base vibrate.**

**The sender speaks into the pot.**

**The vibrating base makes sound.**

**The vibrations travel along the string.**



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